

Book No 5

H. A. ALLARD

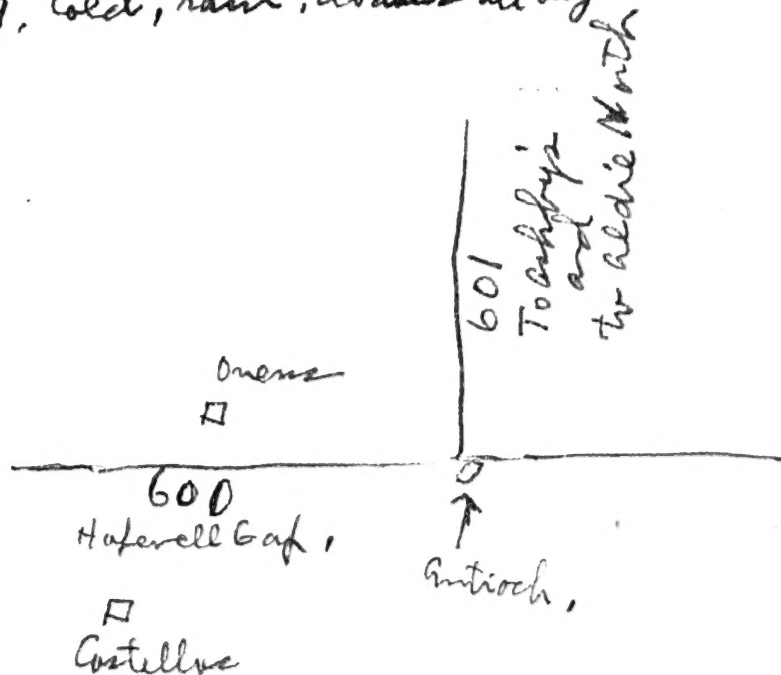
Field
Collection

Numbers

6104-7447

5 Allard Field Notes 6104-7447

To south end of Shurt Mt., Va., Massanutten,
Shenandoah Co., with Dr. Bruno Klinger,
April 16, 1939. Cold, rain, clouds all day.



See letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses re ident. by J. R. Smallen & Mrs. T. C.
reintramb. Compositae by Dr. S. F. Blake;
sedges & rushes by Dr. T. J. Hermann,
Cladonia by Prof. A. W. Evans, of
Yale Univ. Ferns by Dr. Maxon,
Remainder by Dr. Leonard.

Mt. Traveler, Magee, The Fowler
Ponds = T5 R9
Mt = T3 R9
Lake Mataganon at camp = T6 R8,
Patten = T4 Range 6
Horse Mt = T6 R8.

In event of death turn this
book over to the
Government Printing Office

Allard, H. A. Md., Me., Va., W. Va. 1939.

Book 5.

Field Notes nos. 6104 - 7447.

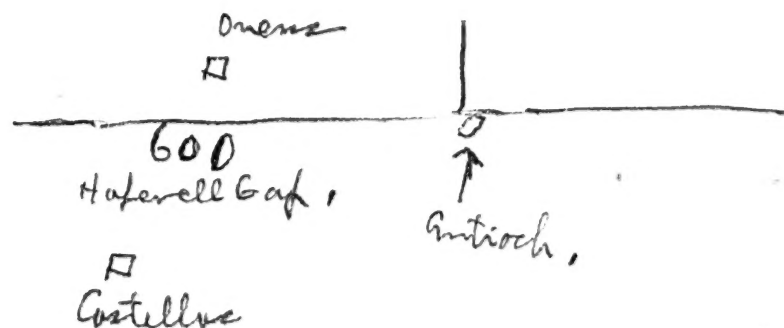
April 30, 1939. To Bull Run Mt.
High Point cliffs with D. (Bull Run Mt.)
rain at 5 P.M.
May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.
May 10, 1939. To ledges on ridge west
of Big Schloss - Devils Hole Mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.
May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pugh's Run, stopping at farm
of Mr. Bruner here, walking to Sager's
place (dilapidated) - home of the slides
to top of ridge.

Manufactured by
U. S. Government Printing Office

To south end of Shurt Mt., Va., Massanutten,
Shenandoah Co. with Dr. Bruno Klinger,
April 16, 1939.



See letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses re ident. by J. R. Smallen & Mrs. T. C.
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yale Univ. Ferns by Dr. Maxon,
Remainder by Mr. Leonard.

Mt. Traveler, Magee, The Fowler
Ponds = T 5 R 9
Mt = T 3 R 9
Lake Mataganom at camp = T 6 R 8,
Patten = T 4 Range 6
Horse Mt = T 6 R 8.

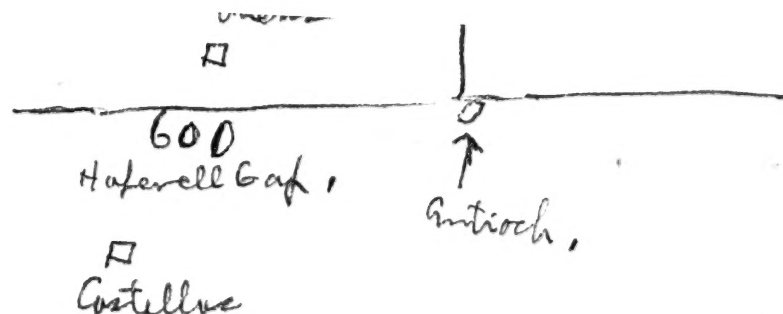
In event of death turn this
book over to Mr. E. C. Leonard
of the U.S. National Herbarium.
H. A. Allard

April 30, 1939. To Bull Run Mt.
High Point cliffs with D. (Bull Run Mt.)
Train at 5 P.M. To Three Top Mt., Va
May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.
May 10, 1939. To ledges on ridge west
of Big Schloss - Denks Kate Mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.
May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pugh's Run, stopping at farm
of Mr. Bruner here walking to Sager's
place (dilapidated) - home of the slides
to top of ridge.

To son
Shen
April



see letter of March 29, 1939 from
Dr William R. Mazon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses rec ident. by J. R. Swallen & Mrs. T. C.
reintramb. Compositae by Dr. S. F. Blake;
sedges & rushes by Dr. T. J. Hermann,
Cladonia by Prof. A. W. Evans, of
Yale Univ. Ferns by Dr. Mazon,
Remainder by Dr. Leonard.

Mt. Traveller, Magee, The Fowler
Ponds = T5 R9
Mt = T3 R9
Lake Mataganon at camp = T6 R8,
Patten = T4 Range 6
Horse Mt = T6 R8,

April 16, 1939. To south end of Short Mt.,
Massanutten, Shenandoah Co., with
Bruno Klinger. Alt. 2700 ft.
April 23, 1939. To Devils Hole Mt. ridge
in Alleghenies west of Edinburgh, with
Bruno Klinger, following ridge N.
to Big Schloss, a rocky pinnacle
3000 ft.

April 30, 1939. To west slope below
High Point cliffs with D. (Ball Run Mt.)
train at 5 P.M.

May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, but.

May 10, 1939. To ledges on ridge ^{west} of
Big Schloss - Devils Hole Mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.

May 21, 1939 To area N. of Belle and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pusha Run, stopping at farm
of Mr. Bruner, ^{B-2-B-1} walking to Sager's
place (dilapidated) - theme of the slides
to top of ridge.

To s
Shen
apri

May 28, 1939. To Hagerell Gap and
High Point with T.

May 30, 1939. To Hagerell Gap and
area from High Knob to Landmark with T.

May 21, 1939. To Hagerell Gap and
area west of High Knob to Landmark, with T.

June 2, 1939. To Rattlesnake Mt.
Transmitter Co. (alt. 2100 ft) with Gurney.
Lost our bearings in fog and heavy rains
all the afternoon.

June 4, 1939. To Bull Run Mt., Va.,
crossing west slope, 5 miles south
of Aldie with B. Cool. Beautiful, cloudy
much of time. Found *Aquilegia*
canadensis with seed capsules on
catactin schist cliffs west of ridges; many
- fossil record for the area; one found.

Have never found *Lolium* nor *Holcus*
in the Bull Run area proper

June 22, 1939. To Sugar Knob region
Hardy Co., west Va., with A. B. Gurney

June 25, 1939. To Sugar Knob with
Mr. & Mrs. Bruno Klinger, - 5 miles
from Trout Run to Sugar Knob shelter.
a walk of 11 miles taken.

see *Sphenopholis filiformis* (Chapman)
Kern to Va. Scribe.

From N.C. south) #6650.

Moss. Arlington Farm, Va.
In damp soil crevices Arlington Co.,
in flower pots in coal furnace room
green house - 50-55° F. H.A. Allard. January 31, 1939

6104

Mosses very abundant on
soils in flower pots in this
greenhouse.

6105

Moss
In flower pots with # 6104

ditto

6106

Moss.
In moist soil in pots
in same greenhouse with # 6104
surface soil beautifully green with mosses.

ditto

6107

Moss.
In flower pots in moist
soil same house with
6104. The moss pleasantly varied,
beautiful and abundant species.

ditto

6108

Moss
In flower pots same
house with # 6104

ditto

6109

Moss
In flower pots same
house with # 6104

ditto

6110

Moss
In moist soil in flower pots
in same house with # 6104.

ditto

To Sh ap
Rock Lichens (several)
From rocks
on High Point cliffs
and boulders below
on west slope.
Bull Run Mt., Va
Fauquier Co
Feb. 5, 1939
H.A. Allard,

6111
6112 Rock lichens (several)
ditto
with # 6111

6113 Rock lichens (several)
ditto
with # 6111

6114 Rock lichens (several)
ditto
with # 6111

6115 Rock lichens (two)
ditto
one thin, brown, hardiment-like
one thicker, gray, like *Gyrophora*
size of dime or smaller. On damp, vertical
rock faces with # 6111

6116 Bark lichens
ditto
(one yellow)
on cedar etc in fields and woods
west slope below High Point just S. of Hagerell
Caf.

6117 a moss competing with a
ditto
lichen (*Parmelia*) gray, and being
overgrown by the lichen. On a
rock below High Point, west slope.
= *Hepatic Pruellaria sagrayana* Mont
6117a = *Parmelia arulenta* Tuck.

Cladonia (red apothecia)
On base of Andropogon
sclerophyllus stem etc
in old field near
Pinus pungens, forma globosa
west slope, below High Point.
Bull Run Mt., Va
Fauquier Co
Feb. 5, 1939
H.A. Allard.

6118
6119 *Pinus rigida* var. *globosa*
ditto.
From tree in old field S. of
Hagerell Caf, above - see # 5688. etc.
see photos etc.

6120 *Pinus echinata*
ditto
[7] The fine isolated pine in old
field S. of Hagerell Caf. - near # 6119.
Microscopic exam. of section shows
it to be this also, i.e. bundles touching;
oil glands 4-5

6121 Moss
ditto
Polytrichum
On bank - in pure colonies
in same place east of *Pinus globosa*
where woods of High Point slope begins
west slope below High Point. Large dead
cult. forms of cherry here

6122 Moss 3 species
ditto
On decayed log in woods west
slope below High Point

6123 Moss
ditto
On bark of one of big Cedar
trees just NW of ravine made by
spring break from below Rilly's
old cabin, S. of Hagerell Caf.
(where yellow violets grow)

6124 Moss
ditto
On large red cedar tree
on bank 6-8 ft from ground
with # 6123 - or nearby trees
in same field.

Moss.
On bark of very large old
red cedar tree in old field
just N. of raine where
6125 *Pileus sphingiformis*
blooms down (yellow violets here)
(Many old cedar trees here).

Bull Run Mt., Va
Feb. 5, 1939
Fauquier Co
H.A. Allard.

6126 Moss on bark of tree
in woods just below High Point, west of
ditto

6127 Moss ^{large} on flat rock in
same woods near # 6126
a. pure colony over much of rock.
(Soil pure organic matter)
ditto

6128 Moss.
On bark of log below
High Point near # 6126
ditto

6129 Moss.
On tree trunk
near # 6126
ditto

6130 Moss.
On tree bark & rock near # 6126
ditto

6131 Mosses
On red soil of raine bank
west slope below High Point
with # 6121. Raine just on edge
of High Point woods S. of *Pinus strobus*
field.
ditto

Moss *Polytrichum*
on moist soil
6132 of raine bank with
6121. Pure colonies.
Bull Run Mt., Va
Feb. 5, 1939
Fauquier Co
H.A. Allard.

6133 Moss
on rock forming pure colony
in woods west slope below High Point.
Dark green, dense.
(soil pure organic matter)
ditto

6134 Moss
a. pure colony on large
limestone boulders in woods
near # 6133.
(soil dark brown, pure, no grit
when dried)
ditto

6135 Moss.
On large rock, forming mats
on brownish pure organic soil.
No grit when dried.
Near # 6133
ditto

6136 Mosses
a. pure, extensive colonies
on large boulders just S. of High Point,
west slope in woods. This here
in competition - one like a
Polytrichum - dark green.
ditto

6137 *Hepaticae*
On flat rocks on organic soil
at High Point, at foot of cliffs
west slope. *Thuidium* extensive pure
colonies here
ditto

6138 Moss - dark green.
On bark of big cedar tree
near # 6125 - same field.
ditto

Mass.

On bark of old cedar
tree near # 6125.

Bull Run Mt., Va
February 5, 1939
Fauquier Co.,

- 6139 On north side - 6-8 ft. above ground - in large pine colonies. No lichens on these trees.

6140 Mass

- (1) On moist soil, bank of ravine below High Point, west slope just south of field where *Pinus rigida* *Globosa* occurs beginning of woodland.

6141 Mass

- (1) A pine colony on rocks in woods west slope below High Point: deep green. on organic soil.

6142 Mass.

- (1) an extensive pine colony (fern like) on rock near # 6141.

6143 Mass

- (1) On soil in woods west slope below High Point.

6144 Mass

- (1) Lichen (*Peltigera*) growing over moss on soil in woods west slope below High Point. Mass etc =

6145 Fruticose lichen

- (1) Small - 1 in high. on vertical cliff walls at High Point: only occasional in Bull Run area on highest points

coll. Feb 12, 1939

Parmelia - The yellow-green
on rocks - the yellow-green
species common everywhere
on trees and rocks -

Bull Run Mt., Va
Fauquier Co.
Feb. 12, 1939
H.A. Allard

6146

- covering entire rocks sometimes - and competing with the lead grass and
makes large of similar form etc. on rocks in woods below High Point, west slope.

6147 *Parmelia*?

- (1) small about size 5 cent pieces. on north side of large living chestnut and east of High Point cliffs west slope. greenish green, circular areas heavily
bristling; very attractive.

6148

- (1) Bsp of several rocks lichen from High Point cliffs and boulders in vicinity, on lower west slope.

6149

- (1) *Cladonia mitrula* f. *intricatula* (Vgl.) Wain. Red apothecia - some podetia very squamulose. From bare soil in forest barrens in old field south of *Pinus rigida* var. *globosa*

6150

- (1) Moss growing in pine colonies on low rocks heavily producing from soil in woods below High Point - fern-like strands spreading outward yellowish green.

6151

- Cladonia squamosa* (Scop.) Hoffm. on organic soil in rocks at High Point, west slope.

6152

- all { Mass
comp. { red Hepaticae
(1) *Cladonia* - *C. chlorophaea* (Thaerke) Spreng. In organic soil at High Point cliffs, west slope

6152 A = *Truellania asagrayana* Mor.
6152 B = *C. coniocraea* f. *ceratodes* (Thaerke) Vain.

Lichen
on north side of huge
chestnut oak tree trunk
(limbing) at foot
High Point cliffs;
small, size of 5 cent piece or cent.
same as # 6147
Physcia adglutinata (Th. Fr.) Steiner
Bull Run Mt., Va
Feb. 12, 1939
H.A. Allard
Fauquier Co.

6154 *Cladonia* (2) = *C. verticillata* f. *evoluta* (Th. Fr.) Steiner
|| one with red apothecia, podetia very squamulose
one *C. verticillata*, with apothecia on edges of
discs. *Liopeltis* forest barren area

6155 Lichen = *Cladonia* = prof. *C. chlorophaea* (Th. Fr.) Steiner
|| on ~~antennae~~ wood of
old tree trunk near slope
below High Point.
and *Callima* *granosum* small, thin, dark slate color.

6156 *Cladonia* *C. bacillaris* (Ach.) Nyl. (P)
|| white, pointed podetia
on vertical cliff faces at
High Point cliffs. Can scarcely be
scraped off so tightly does it grow to the
rock.

6157 Moss
|| on dead log in woods, west slope
below High Point.

6158 Moss
|| on bank near # 6157, woods.

6159 Moss
|| On dead wood near # 6157

Moss
on north side of trunk of
huge chestnut oak
at foot of High Point
cliffs, covered it with fine growth,
especially in the grooves and 8-10 ft up.
Bull Run Mt., Va
Fauquier Co.,
February 12, 1939
H.A. Allard.

6161 Hepatic with
|| lichen
on rocks at High Point cliffs, ditto
west slope.
Trullmania asagrayana Mont.

6162 Moss
|| on soil on rocks at High Point cliffs, ditto
west slope.
(a very fine mass) fine leafage.

6163 Moss
|| on dead log, west slope in woods
below High Point ditto

6164 Moss
|| on dead wood, woods, west slope
below High Point cliffs.

6165 Moss
|| On dead log near # 6164 ditto

6166 Moss
|| On dead log near # 6164 ditto

Mass

6167 On dead log in woods
below High Point Cliffs
west slope.

Bull Run Mt., Va
Feb. 12, 1939
H.G. Allard
Fauquier Co.

6168 Moss in pine colonies, extensive, ditto
on large fallen red oak tree, dead
at old house in forest zone at foot
of slope (west) below High Point Cliffs.

6169 *Cladonia*: *C. tenuis* (Therke) Harm.
(reindeer moss) ditto
in patches on soil in thin open secondary
woods, E. of old mansion at foot
of west slope below High Point Cliffs.

6170 Moss ditto
in Castellia's pasture at
stone crumbar, west slope, Hagerell Gap.
abundant in this stage of pasture
(bright, shining yellow green.)

6171 Moss ditto
on bank in woods, west slope
below High Point Cliffs.
very fine, bluish, yellowish green. raised.
on organic soil.

6172 Moss ditto
on bark of dead log in woods,
west slope below High Point Cliffs.

6173 Moss ditto
on dead wood in woods
below High Point, west slope.

Reddish liverwort Bull Run Mt., Va
+ mosses at High Point Feb. 12, 1939
Cliffs on rocks. H.G. Allard
Fauquier Co.

6174 Liverwort on
cliffs and tree trunks -
11 *F. vellaria* s.s. - *grayana* Montl.
6174a = *Jamesoniella autumnalis* (D.C.) Steph.

6175 Moss ditto
on dead wood, west slope in
woods, below High Point Cliffs.

6176 Moss ditto
on dead wood near # 6175.

6177 Moss ditto
on organic soil on rocks near # 6175.

6178 Moss ditto
on dead log in woods near # 6175
(color hoarse yellowish)

6179 Moss ditto
on dead wood near # 6175.

6180 Moss ditto
on soil (thin, organic) on rocks
in woods below High Point Cliffs,
west slope.

Moss on trunk
north side, of large
chestnut oak tree
at High Point Cliffs,
VI with # 6160

Bull Run Mt., Va
Feb. 12, 1939
Fauquier Co.
H.A. Allard.

(Entire north side covered with these two)

6182 Moss
" On bank in woods
below High Point Cliffs, west slope ditto

6183 Moss
" On thin organic soil on
rocks in woods near # 6182 ditto

6184 Moss.
" On bank, north side of same
chestnut oak tree with # 6160 & 6181
a pine colony here far up trunk. ditto

6185 Moss
" On dead wood in woods west slope ditto
below High Point Cliffs: color mossy.

6186 Moss
" On rock in pine stand, ditto
near # 6185

6187 Moss
" On rock in woods west slope ditto
below High Point Cliffs.
(Moss colony on thin organic soil)
Convolutella conicum (L.) Dur.

Moss
on bank in woods
below High Point Cliffs,
VI west slope.

Bull Run Mt., Va
Feb. 12, 1939
H.A. Allard
Fauquier Co.

6189 Moss.
" On dead log in woods near ditto
VI # 6188

6190 Moss
" On dead log near # 6189 ditto

6191 Moss
" On rock on organic soil ditto
" in woods near # 6189.
Lifts off a thin soil layer.

6192 Moss
" A pine colony covering rock ditto
just above soil in woods near # 6191

6193 Moss
" On low rock in woods ditto
" near # 6191 - pine mat.
on very thin organic soil.

(fern-like)
6194 Moss
" On thin organic soil on rock ditto
in woods near # 6191
(mat, pine)

Mosses
on rock on thin
organic soil in woods
6195 near slope, below High
Point Cliffs.
" C. n.

Bull Run Mt., Va
Tangier Co
Feb. 12, 1939
H. A. Allard

6196 *Cladonia piedmontensis* f. *squamulosa* Robbins
(apothecia brown) same locality
VI in old brown sedge field Date Feb. 18, 1939
near slope below High Point Cliffs
in thin woods near dense young pine
trees - moist and old brown sedge clump.
6196a = *C. subcariosa* f. *squamulosa* Robbins.

6197 *Cladonia subcariosa* f. *evoluta* Wain
" with # 6196 (more branched than usual) ditto
6197a = *C. cristatella* Tuck. (apothecia discolored).

6198 *Cladonia piedmontensis* f. *squamulosa* Robbins
" (with # 6196) ditto
6198a = *C. grayi* Mer. plus *C. piedmontensis* Mer. both present
in mixture.

6199 *Cladonia piedmontensis* f. *squamulosa* Robbins
" (with # 6196) ditto
6199a = *C. subcariosa* f. *evoluta* Wain.

6200 *Cladonia verticillata* f. *evoluta* (H. & Stein) ditto
VI at base of old brown sedge
clumps near # 6196 - on soil

6201 *Cladonia cristatella* f. *beauvoisii* Del. Wain ditto
(apothecia red) plus f. *vestita* Tuck. (discolored
apothecia)
" with # 6196

Cladonia ? *squamulosa* Robbins Bull Run Mt., Va
C. piedmontensis f. *squamulosa* Robbins Feb. 18, 1939
" with # 6196 Tangier Co.
H. A. Allard
Feb. 19, 1939

6202

"

6203 *Cladonia* (white)
" *grayi* f. *simplex* Robbins ditto
" with # 6196

6204 *Cladonia* (red apothecia)
" *C. piedmontensis* Mer. in part, but not distinctive.
" on dead basal stalks of
dead brown sedge clumps in old
brown sedge field being captured by
pines etc. in successional stage.

6205 *Cladonia cristatella* f. *vestita* Tuck.
" (apothecia red, very squamulose) ditto
same field with # 6196

6206 *Rub. lichens*
" on
fungal rocks at old below High Point Cliffs, west slope. ditto

6207 Lichen
" on bark of living large
deciduous oak tree, at base, at
foot of High Point Cliffs, west slope.
(H. & Stein) ditto

6208 *Rub. lichens*
" on rock and bark
" lichen from and below
High Point Cliffs, west slope
in woods. ditto

Rock Lichens from Bull Run Mt. Va.
rocks ~~at~~ on rocks Feb. 19, 1939
6209 on slope ^{at top} of High Point Cliffs. H.A. Allard
Tangmiller Co.
next slope below
High Point Cliffs.

6210 Peltigera
(1) on rocks next slope in wet ditto
rocky, shallow ravine below
High Point Cliffs, where shrubs cabbage grass:
competes w/ grass over mosses and is
in turn overgrown by them.

6211 Moss
(1) on dead rocks above # 6210, ditto
in deciduous woods.
(orange colored)

6212 Moss on soil (banks) in woods ditto
(1) near # 6211

6213 Hepatic (reddish brown color), moss ditto
(1) Trullania ga-grayana
on damp rocks at foot of High Point
Cliffs in woods, competing with big, gray lichens
(abundant).

6214 Moss
(1) Dark green, in pure colonies in ditto
extensive patches on large flat rock
in woods, next slope, near High Point Cliffs.
Abundant; on black organic soil: easily lifted.

6215 Grimmia
(1) On same rock with # 6214 - ditto
in pure, extensive colonies, easily lifted.
(dry looking)

Moss. Bull Run Mt. Va.
on soil in woods, next slope Tangmiller Co.,
below High Point Cliffs Feb. 19, 1939
6216 H.A. Allard.
(1)

6217 Moss ditto
(1) on damp soil in rocky, shallow ravine
with # 6210

6218 Moss ditto
(1) on damp soil near # 6217

6219 Moss ditto
(1) on damp rocks in ravine
with # 6217

6220 Moss ditto
(1) on damp soil with # 6217
pure colonies.

6221 Moss ditto
(1) On rocks with # 6217.
pure colonies.

6222 Moss ditto
(1) On rocks with # 6217: in
extensive colonies.

Moss
On rocks in damp rocky Bull Run Mt., Va
ravine below High Point Cliffs Feb. 19, 1939
near where Shunk Luffage H.A. Allard
6223 Pure colonies - J. Tanqueri Co.
|| Bright green.

6224 Moss

|| On soil in pine woods north of
6223; secondary growth 20-25 feet high.

ditto

6225 Cladonia (reindeer mosses)

|| In same pine woods with # 6224;
extensive patches here.

ditto

6226 Moss

|| On soil in woods, west
slope near # 6223

ditto

6227 Moss

|| On rock, in pure colonies
near # 6223 (same ravine)

ditto

6228 Moss

|| Yellowish green in large mats on
rocks near # 6223.
Thin organic soil beneath.

ditto

6229 Moss

|| Huge mats easily lifted from rocks ditto
near # 6223.

Moss.

Large mats on rocks
in same ravine

6230

|| with # 6223.
beautiful yellowish
green color; vivid.

Bull Run Mt., Va
Feb. 19, 1939
H.A. Allard
Tanqueri Co.

6231

Mosses
|| One on dead log =
|| one on rock =
Near # 6230

ditto

6232 Moss

|| red colony of vigorous Peltigera
(lichen) growing over it: a struggle for
supremacy.
6232a = *Gnomodonta rostratus* (Hedw.) Schimpf.
plus " *attenuatus* (Hedw.) Huebner.

ditto

6233 Moss

|| (Bronze colored) on dead
wood near # 6230; covering large
patches.

ditto

6234 Hepatic.

|| Bright green; on rocks, foot of
High Point Cliffs: extensive patches.

ditto

6235 Moss

|| Large mats pure on damp rocks
with # 6230: fern like, appressed.
yellowish green.

ditto

6236 Moss

|| on rock near # 6230 being
overgrown by Peltigera (lichen).
Both within organic soil.

ditto

Moss on rock
in rocky, damp, ravine
west slope below High Point
Bull Run Mt., Va.
Feb. 19, 1939
H.A. Allard
6237 Cliffs, where shrub (at base)
H.A. Allard
large areas - vivid silvery, shining green.
moss.

6238 Moss
In large, loose mats on rocks
near # 6237: color dull yellowish
green: fern like. ditto

6239 Lichen
Dark slate, parchment-like, thin
on rocks near # 6237: with moss
(Lichen occasional) must be scraped off rock. ditto

6240 Moss
Extensive mats similar to # 6238
on rocks # 6238. ditto

6241 Moss
On low protruding rock in broad zone
where we ate lunch: Had to be scraped off with
knife, as adheres tightly to stones: off with
silvery green color ditto

6242 Lichen
Peltigera. On rocks with
6237 (nearby) ditto

6243 Peltigera
Overgrowing moss colony > # 6238
and being vigorously overgrown by it
On rocks near # 6238, ditto
= Thuidium recognitum (Weder.) Lindb.

Moss.
On rock in extensive
mats near # 6237
Bull Run Mt., Va.
Fauquier Co.
Feb. 19, 1939
H.A. Allard
west slope below High
Point Cliffs. 6244
ditto

6245 Moss
(fern like)
On rocks in ravine ^{and} near # 6237 ditto

6246 Moss
On moist soil on bank
near # 6237 ditto

6247 Moss
On bark of living tree at
base, north side of woods
near # 6237. below High Point Cliffs. ditto

6248 Lichen
On dead bark of huge
tulip poplar tree near galled area
west slope below High Point Cliffs: small
like small olive-green Parmelia, ditto
same date, Sept
date March 3, 1939

6249 Bot of rock lichens
From old field near galled (bare) area,
west slope below High Point Cliffs.
on rocks piled up in Sassafras thicket, ditto

6250 In same place near # 6249
(bare lichens) ditto

Rock lichens
west slope below
High Point Cliffs
6251 in Sassafras thicket.
Bull Run Mt., Va
March 5, 1939
H.A. Allard
Fauquier Co.,
west slope
below High Point.

6252 *Cladonia verticillata* forma
In old field near bare areas
" west slope, below High Point Cliffs.
between iron-ore dumps; which are
thinly spaced here - allowing extensive growth
Cladonia.

6253 *Cladonia (Apothecia brown)*
" with # 6252 ditto
" *C. subcariosa* f. *squamulosa* Robbins
6253a = *C. mitrula* f. *imbricatula* (Nyl.) Vain.

6254 *Cladonia (Apothecia brown)*
" with # 6252 ditto
" *C. subcariosa* f. *evoluta* Vain.

6255 *Cladonia (Apothecia brown)*
" with # 6252 ditto
" *C. verticillata* f. *evoluta* (Th. Fr.) Stein.
+ f. *phyllocephala* (Th. Fr.) Olin. + *C. subcariosa*
squamulosa Robbins.

6256 *Cladonia verticillata* forma
" with # 6252 ditto

6257 *Cladonia (Apothecia brown)*
" (with # 6252) ditto

6255a. *Cladonia subcariosa* f. *evoluta* Vain.
" " "
6255b. " " "
6256 = " *verticillata* f. *evoluta* (Th. Fr.) Stein.
6256a = " *subcariosa* f. *squamulosa* Robbins in herb.
6257 = " " "
6258 = " " "
6258a = " " "
6260a = *C. cristatella* f. *beauvoisii* (Del.) Vain.
6261 = " " "
6261a = " *grayi* f. *simplex* Robbins ^{Haydeni}
acid = +
p = -

Rock L. l.
neal.

6251

|| in

6252

|| in

but

thin

cl

6253

||

C.

6253a =

6254

||

C..

6255

||

C.

+ f. W

6256

||

6257

|| in

Eladonia

(Lafotheria (mm))

6258

||

with # 6252

Bull Run mt., Va
March 5, 1939
H. G. Allard.
Fauquier Co.,

6259

||

Cladonia verticillata forma esoluta (H. Th. Stein.) ditto
with # 6252

6260

||

Cladonia grayi f. simple Robb. ditto
(cups) ♂ laccase + P₂-
with # 6252

6261

||

Cladonia
with # 6252

6262

||

Cladonia piedmontensis Mer. ditto
with # 6252

6263

||

Cladonia subcanosa f. squamulosa Robbins ditto
with # 6252
and f. esoluta var.

6264

||

Cladonia grayi f. simple Robbins ditto
with # 6252. laccase +
P₂-

Moss on low stones
in woods, wet slope below
High Point: yellowish green
long, slender branches, closely
adhering to stones.
6265
" "

Bull Run Mt., Va
March 5, 1939
Fauquier Co
wet slope, woods
below High Point Cliffs
H.A. Allard

6266 Moss (golden yellow)
in old pine. one of first
" " mosses to come in beneath needles etc ditto

6267 Dark bluish green moss on
rocks etc - closely adhering.
" " near # 6265 ditto

6268 Moss
" " on thin organic soil on rocks in woods
in low wet rocky ravine below High Point
Cliffs, wet slope, where red buds etc grow. ditto

6269 Moss
" " on rocks near # 6268 ditto

6270 Moss
" " on rock - very loose - (flat)
in woods near # 6268 ditto

6271 Moss
" " on soil on moist bank
near # 6268
Golden bronze color; beautiful. ditto

Moss
On thin organic soil
on rock in wet
ravine, wet slope
below High Point Cliffs
where red buds grow.
6272
" "

Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.

6273 on rock
" " with # 6272
within organic soil. ditto

6274 Mosses
" " on rocks near # 6273 ditto
Peltigera competing
with both - overgrown and being
overgrown

6275 Moss on thin soil
" " on rock (loose)
Near # 6273 ditto

6276 Hepatic.
" " Large patches on rocks near
foot of High Point Cliffs, wet slope ditto
Abundant - dull green,

6277 Lichen
" " Very thin, slate-colored
harchment-like on rocks
near # 6276.
Very abundant; local ditto

6278 Hepatic
" " Mosses
on huge dead, fallen Tulip Poplar
trunks just north of barren ones wet
slope below High Point Cliffs. ditto

mosses
Hepatic
On bark of huge dead
6279 Tulip poplar (same
one with # 6278.)
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard

6280 Cladonia
(reindeer moss)
From interspaces on semi-bare
leaves in brown edge field just N. of
bare barrens: large clumps, abundant.
ditto

6281 Moss
On rocks in damp ravine
near red-bud groves, fern-like, yellowish
ditto

6282 Moss
with # 6281
similar or same sp.
ditto

6283 Moss (rosette-like; large, bright green)
on rocks in large areas (mats easily
lifted from rocks) with # 6281
ditto

6284 Moss
On bark at base of dogwood (blowing
tree, north side, in woods
just above (east) of ravine where # 6281 grows)
ditto

6285 Moss
(thin, delicate
(Cutharenea?)
on moist soil near # 6281
ditto

Moss
On rocks as mats
in ravine with # 6281
6286 (shining golden-
green) very beautiful
Bull Run Mt., Va
March 5, 1939
Fauquier Co
H.A. Allard.

6287 Moss
Brilliant golden green
on rocks in same ravine with # 6281
ditto

6288 Moss
On rock in damp ravine near # 6281
ditto

6289 Moss
On rock near # 6281
(Large mats easily lifted from the
thin soil; shining golden bronze color
(very beautiful)
ditto

6290 Moss
On rock in moist ravine.
(Same or similar sp. to # 6281;
fern like, appressed, dull yellowish green)
ditto

6291 Moss
(Light yellowish green)
on moist soil on banks in woods
near # 6281 (shining in afternoon)
ditto

6292 Mosses
several.
on moist soil in damp ravine
near # 6281
ditto

Moss
several

- 6293 On rocks below High Point
cliffs, west slope, in
woods,
||

Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.

- 6294 Moss
|| On bark of dead stump in
woods near # 6293

ditto

- 6295 Moss
|| Fern-like = # 6281; very green
with Peltigera
In ravine below High Point cliffs,
west slope where red bud grows.

ditto

- 6296 Moss
|| Same as # 6281; on rocks
in same ravine

ditto

- 6297 Mosses
|| (several inter growing)
On rocks in damp ravine with # 6281.

ditto

- 6298 Moss
|| On soil on bank of brook
in ravine near # 6281

ditto

- 6299 Moss
|| On bark of old stump
in woods below High Point cliffs

ditto

Moss
Polytrichum

- 6300 On flat rocks in
moor patches on thin
|| soil, (green), slightly
lifted off; dark green.

Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.
west slope below High
Point cliffs.

- 6301 Mosses (several)
|| On large flat rocks in woods
just below High Point cliffs.

ditto

- 6302 Bog rock lichens
|| from rocks at and below
High Point cliffs (west slope)

ditto
Date March 19,
1939.

- 6303 Bog rock lichens
|| at same place with # 6302

ditto
3-19-39

- 6304 Bog rock lichens
|| with # 6303

ditto
3-19-39

- 6305 Lichen (white) on dead bark
|| on old limb on High Point cliffs.

ditto
3-19-39

- 6306 Moss
|| around base of tree west slope
below High Point cliffs.
Pure colonies entirely around
tree.

ditto
3-19-39

6307 north of
west slope ~~below~~ High Point cliffs
in shallow ~~rocky~~ ~~area~~
Castello's old meadow
field where stone crusher stood.
common mossy grass and weeds here.

Bull Run Mt., Va
Fauquier Co
March 19, 1939
H.A. Allend.

6308 Mosses (several)
on logs, rocks etc. west slope
below High Point cliffs in woods. ditto

6309 Mosses (several)
near # 6308 - on banks, logs, soil, rocks etc. ditto

6310 Hepatic
on banks of Hickory tree
from ground up 6-7 ft. near
6308. ditto

6311 Mosses
on banks of tree near # 6308. ditto

6312 Moss
on litter on banks in woods
near # 6308. ditto

6313 Moss
on banks of tree in woods
near # 6308. ditto

Moss
in shallow rocky dam
6314 ravine below High Point cliffs
west slope.

Bull Run Mt., Va
Fauquier Co.,
H.A. Allend
March 19, 1939

6315 Moss
on rock in woods near # 6314. ditto
on thin black soil: easily lifted off.

6316 Moss
on soil on bank near 6314. ditto

6317 Mosses
old abandoned meadow field
(Castello's) where stone crusher was. ditto

6318 Moss.
Near # 6317 (old field? spence) among
grass & weeds. ditto

6319 Moss
on rock in woods near # 6314 ditto

6320 Moss
on bank and debris in
woods near # 6314 ditto

Moss in old field (Castell's) Bull Run Mt. Va
where stone crusher stood. Fannin Co
6321 abundant in weeds of March 19, 1939
" this abandoned field. H.A. Allard.

6322 Moss
" In old field beyond Riley Cabin ditto
among weeds & grass.

6323 Moss
" On soil in woods in shallow ravine ditto
below High Point Cliffs, west slope.

6324 Moss
" On soil in woods near # 6323 ditto

6325 Polytrichum
" On thin soil on flat rocks, near ditto
in woods, west slope near High Point Cliffs

6326 Moss
" On moist banks in shallow ditto
ravine, west slope below High Point Cliffs.

6327 Moss
" On moist bank in woods near # 6326, ditto

Moss Bull Run Mt. Va
On rocks in ravine near Fannin Co
6328 # 6326: moss March 19, 1939
" extensive areas on thin H.A. Allard
soil; fern-like - yellowish green

6329 Moss
" at base of tree trunk ditto
in woods near # 6323

6330 Moss
" On rocks in woods near ditto
6323

6331 Moss
" On rocks in woods near ditto
6323

6332 Moss
" On rocks in ravine near ditto
6323

6333 Moss
" On rocks in woods ditto
near # 6323

6334 Moss
" In Allard's back yard on ditto
soil; very abundant (Lyon Park, Va
Charlottesville)

Bof of rock lichens.

Bull Run Mt., Va

Fauquier Co

west slope, 5 miles

south of Aldie on

limestone dipping

about 50° E.

March 26, 1939

H. A. Allard

6335

- (1) Rock outcrop face
only moist high and
much lichen - on north
slope of knob.

6336

Bof of rock lichens.

- (1) with # 6335

ditto

6337 Bof of ^{limb} species of lichens from
base of chestnut oak tree near # 6335

ditto

6337 *Leucoglypta clypeata* Evans.

6338 Mosses

- (1) on soil on bank in woods near
where we parked
dry, cut over land largely.

ditto

6339 *Polytrichum* (in fruit)

- (1) Near # 6338 on soil on bank

ditto

6340 Mosses

- (1) on soil in woods near # 6338

ditto

6341 Moss

- (1) on soil in woods near # 6338

ditto

Moss
fern-like (yellowish)
on ~~base~~ of log

Bull Run Mt., Va

March 26, 1939

Fauquier Co.

6342

- (1) on bark, in woods west slope 5 mi.
south of Aldie
in damp habitat.

6343

Moss
on bark at base of living dogwood
tree. A common habitat for this
moss at base of dogwood trees.

ditto

6344

Moss
on bark of old chestnut oak
log in woods on slope near where
we parked, near # 6338

ditto

6345

Moss
on soil in woods
near # 6338

ditto

6346

Hepatic?
Moss
on dry soil in woods near # 6338

ditto

6347

Moss
on bark of dead ^{fallen} chestnut oak tree
near # 6344.

ditto

6348

Mosses (several)
on soil in woods near # 6338

ditto

Moss
on soil in dry
deciduous
6349 woods near
|| # 6338

Bull Run Mt., Va
Fauquier Co
March 26, 1939
H.A. Allard
5 miles south of Aldie
west slope.

6350 Moss
Polytrichum
|| on soil near # 6338.

ditto

6351 Hepatic
|| Small amount
a red brown, abundant liverwort on
low rock ledges (Cambrian) near old
picnic grounds on north slope of
stone knob.

ditto

6352 Sphagnum
|| (very pale) on damp banks in
low, rocky ravine near # 6351;
abundant here

ditto

6353 Polytrichum
|| (moss)
on bank beside road in woods
on west slope (near big tree at junction)

ditto

6354 Moss
|| on dry soil in woods near # 6338

ditto

6355 Moss
|| on dry sandy soil on slope in open
dry deciduous woods.

ditto

Moss + gray lichen (thin)
competing.
on bark at base of
6356 large living
chestnut oak tree
|| on road rising
road through woods.
covered. Trunk about 10 inches up; usually
common on such situations in trees.

Bull Run Mt., Va
Fauquier Co
March 26, 1939
H.A. Allard
west slope 5 miles
south of Aldie.

6357 Moss
|| on damp soil in low woods
near # 6356.

ditto

6358 Moss
|| on bark of living dogwood tree
at ground, usually on north side or
forming a collar around tree; this the
usual species on the dogwood here.

ditto

6359 Moss (two)
|| On damp
soil in woods west slope.

ditto

6360 Moss
|| on soil in woods near # 6359

ditto

6361 Moss
|| on damp soil in low woods

ditto

6362 Moss
|| on bark of dead
fallen chestnut oak tree
(same as # 6344).

ditto

Moss
golden-bronzed green - fern-like, Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
6363 On damp soil on
banks in rocky ravine.
" over large areas pure. On west slope in
woods south of Aldie
5 miles.

6364 Moss
" On damp soil in low ravine
in woods near # 6363 ditto
over large areas pure; dull yellow-green.
fern-like; common.

6365 Moss
" On soil in low damp ravine ditto
near # 6363

6366 Moss
" a peculiar, fleshy, fern-like, flat- ditto
growing, sheaves with sphagnum in
low, wet ravine on wet soil; not common

6367 Moss
" On damp soil of bank in ditto
ravine in woods near # 6366.

6368 Moss
" Polytrichum. ditto
On soil on bank in
low woods near # 6366.

6369 Moss
" On wet soil in shallow ditto
wet ravine near # 6366.

Moss Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
6370 On damp soil
in low ravine near # 6366
" 5 miles south of Aldie

6371 Polytrichum (moss) ditto
" On bank in low woods.

6372 Moss.
Same as # 6366 ditto
" a felted moss, grayish green.

6373 Moss ditto
" On banks in woods.
Same as # 6363?
golden-bronze colored.

6374 Moss ditto
" Same as # 6366 and # 6372

6375 Rock lichens -
" On rock in ravine west of Aldie
slope below High Point. Bull Run Mt., Va April 2
Fauquier Co Va 1939
H. G. Allard
South of Hotwell Gap?

6376 Rock lichens ditto
" At and below High Point cliffs
west slope in woods.

Dark lichens
from rocks on High Point
cliffs and below, on
6377 west slope,
11)

Bull Run Mt., Va
Fauquier Co
April 2, 1939
H. G. Allard

6378 Moss
on soil in secondary growth of
11 Sassafras etc in Castilla's brownedge field. ditto

6379 Moss
11 with # 6378 same habitat.
on soil ditto

6380 Moss
on soil
11 in same habitat with # 6379 ditto

6381 Moss
11 on soil same habitat with # 6379 ditto

6382 Moss
11 on soil in Riley's brook ravine
at water's edge. ditto
(a brilliant light green). Above yellow violets
green. below big brownedge field.

6383 Moss
11 on soil on bank in same ravine ditto
with # 6382

Moss
on rock with # 6382.
6384
11

Bull Run Mt., Va
Fauquier Co
April 2, 1939
H. G. Allard
west slope S. of
Hofersell Gap trail
below High Point cliffs

6385 On rock Moss
11 in same ravine with # 6382. ditto
fern-like appressed fronds, bright green
pinnate columns.

6386 Moss
11 On rock - west slope in ravine ditto
below High Point cliffs.

6387 Mosses
11 on bank of brook & rock above ditto
huge old black walnut tree stood just
west of Hofersell - Broad Run Station highway.

6388 Moss
11 On rock in ravine with ditto
brook near # 6387.

6389 Moss.
11 Huge mat in pine colony ditto
golden bronze color in rocky shallow
ravine below High Point. Very beautiful
dense, frond-like (fern-like)

6390 Moss
11 Front of tree on bank near High Point ditto
cliffs in rocky woods here
10 feet on Sassafras bank at foot see # 6358

Mass
(golden haze)
6391 covering much of
decayed fallen
log near High
Point Cliffs

Bull Run Mt., VA
Fauquier Co
April 2, 1939.
In woods below High
Point Cliffs, north slope

6392 Mass
on banks
of brook beside Hagerall to Broad Run
highway near Hawk's nest grove.

ditto

6393 Mass
on soil on rocks on bank
near # 6392

ditto

6394 Mass
on bank of brook near # 6392
on soil.

ditto

6395 Mass
on soil on bank of brook near # 6392

ditto

6396 Mass
on soil on bank of brook near # 6392

ditto

6397 Mass
on soil bank of brook near # 6392

ditto

Mass
On soil in secondary growth sassafras
etc in broadleaf pasture (latellae)
6398
nest slope below
High Point Cliffs.
Bull Run Mt., VA
Fauquier Co
April 2, 1939
H.A. Allard

6399 Mass
On soil in same habitat
with # 6398

ditto

6400 Mass
on brook bank with # 6392

ditto

6401 Hepatic
on bank at base of tree
at edge of Riley's cabin
brook here. yellow violet-like
Bull Run Mt., VA
Fauquier Co
April 9, 1939
H.A. Allard
nest slope below
High Point Cliffs
south of Hagerall Rd.

6402 Mass
on bank of same brook near # 6401.

ditto

6403 ~~Mass~~
Oxalaria virginica L
in woods, nest slope just below
High Point Cliffs. Tall brown;
abundant. (see H.A. determination)

ditto

6404 ~~Mass~~
Apleticum hyemale (Muhl.) Torr.
in same woods near # 6403.
Cold seed stalks, now with green
appearing dry, withered single leaf (blasted)

ditto

Hepatic
on bark of living
dogwood tree 6-7 ft above
ground in woods above
6405 High Point Cliffs
||

Bull Run Mt., Va
Fauquier Co
April 9, 1939
H.A. Allard
west slope below
High Point Cliffs

Moss
In same ravine on
soil & rocks in brook
6412 bed with 6406
|| fine clear, light green.
Bull Run Mt., Va
Fauquier Co
April 9, 1939
H.A. Allard
west slope below
High Point Cliffs

6406 Moss
on bark of old log in Riley's brook ditto
|| ravine, south of Hotterell Gap.

6413 Moss
with 6406 fine, beautiful ditto
|| clear light green.

6407 Moss
on bark of living oak tree at base ditto
|| (same as #635/8). Near # 6405

6414 Moss
with # 6406 on soil ditto
||

6408 Moss
thin like: low on rocks near # 6405 ditto
||

6415 Moss
On old stump in ravine ditto
|| near # 6406.

6409 Moss
on bark in Riley's brook ravine ditto
|| near # 6406.

6416 Moss
On soil in ravine on brook bank ditto
|| near # 6406.

6410 Moss
Polypodium 2 ditto
|| on bank near # 6406

6417 Moss
On soil on bank near # 6406. ditto
||

6411 Moss
with # 6406. ditto
||

6418 Moss
On soil near # 6406. od ditto
|| on soil on rocks in brook above water.

Moss. On soil in Riley's Brook ravine
6419 here yellow violet moss. Bull Run Mt., Va
Fauquier Co
April 9, 1939
south of Hagerell Gap,
west slope, below High
Point Cliffs.

6420 Moss
" On soil on rocks in ravine with ditto
6419: a beautiful golden bronze.
in large, extensive mats on soil on rocks
on brook bed after overflowed.

6421 Moss
" With # 6420 ditto

6422 Moss
" Same as # 6420,
Growing with it in same locality ditto

6423 Moss
" Same as # 6420, 6421, 6422.
(same locality) ditto

6424 Hepatic
" On rock front of High Point Cliffs. ditto
Extensive patches on damp, shaded rocks,
here.

6425 Rock lichens
" On rocks top of cliffs. ditto
south end near Mt. Jackson.
Short Mt., Va
Massanutten Range
Shenandoah Co
H.A. Allard
April 16, 1939

" Rock and bark lichens Short Mt. Massanutten Range
From top of mountain near Mt. Jackson,
South end. Shenandoah Co
6426 April 16, 1939
H.A. Allard.

6427 Rock & bark lichens
" with # 6426 ditto

6428 Cladonia univerrae f. ceratodes (Ploosch) Vain. ditto
" Rocks at top near 6426.

6429 Cladonia clavulifera Vain. (form indefinite) ditto
" Near 6426.

6430 Cladonia clavulifera Vain. (form indefinite) ditto
" Near # 6426

6431 Cladonia furcata var. racemosa f. squamulifera Sandst. ditto
" Near # 6426

6432 Cladonia furcata var. racemosa, f. squamulosa Sandst. ditto
" Near # 6426

Moss on cliffs at top.

6433

(1)

Short Mountain, Va
Massanutten Range,
April 16, 1939
H.G. Allard.
South end near
Mt. Jackson
Shenandoah Co.

6434

Moss

on cliffs at top.

(1)

ditto

6435

Lichen

Umbilicaria pustulata ?
on cliffs at top.

(2)

ditto

6436

Lichen

Gyrophora vellea ?

(3)

~~Ident. by~~ sterile

ditto

6437

Cetraria islandica (L.) Ach.

on shales covered with marly

(1)

Prunus pennsylvanica, scattered at base
west of big 2 1/2 acre colony. In the
damp rainy weather very erect and
beautiful, pink, greenish.

ditto

6438

Fruticose lichen

On rocks at upper cliffs.

(2)

Rather small
abundant here at south end.

ditto

6439

Moss

Pure bright green beneath
shelf at top of cliffs

(1)

ditto

Moss

on rocks at top of cliffs.

6440

(1)

Short Mt., Va
Massanutten Range,
Near Mt. Jackson,
Shenandoah Co
April 16, 1939
H.G. Allard.

6441

Lichen (*Parmelia*) ?

(2)

on rocks at top.
(Beautiful silver gray.)

ditto

6442

Moss

Beautiful golden bronze in spring
Large mats on rocks above, on top of cliffs.

(3)

ditto

6443

Composite of moss, lichen, Hepaticae.
On rocks at top.

(4)

ditto

6444

Moss.

on rocks on top: very large
areas

(5)

ditto

6445

Cladonia.

Large pure colony of "reindeer moss"
from road side bank in woods
near foot of Short Mt.

(6)

ditto

6446

Cladonia (reindeer moss)

on rocks at top

(7)

ditto

Cladonia (reindeer moss) on rocks at top
6447
" "
Short Mt. Massanutten Range
South end, near Mt. Jackson, April 16, 1939
H.A. Allard
Shenandoah Co.

6448 Cladonia (reindeer moss)
" " On rocks at top.

ditto

6449 Moss:
" " Small, dark green: in fruit.
" " On rocks at top in dense, small colonies.

ditto

6450 Moss
" " Light, pure green.
" " at cliffs in seams of rocks
dripping or moist, protected.

ditto

6451 Peltigera
" " Lichen overgrowing mosses
growing with # 6445.

ditto

6452 Moss (fruiting)
" " On rocks at top.

ditto

6453 Moss
" " On rocks on top.

ditto

Moss
On rocks on top
6454 (large patches pure)
" "
Short Mt. Massanutten Range
Shenandoah Co.
Near Mt. Jackson, April 16, 1939
H.A. Allard
(South end)

6455 Moss
" " On rocks on top covering
" " large areas pure: fruiting
capsule well down in moss, prostrate.
Easily removed as loose on thin humus.

ditto

6456 Moss
" " On rocks on top: deep dark green.
" " appearing resembling a Polytrichum.

ditto

6457 Hepatic
" " Dark green in pure, often in
mats on damp rocks on top, or even
overhanging dripping ledges.

ditto

6458 Moss
" " In dense mats on rocks on top,
" " pure, yellowish green, fern-like.

ditto

6459 Moss
" " On rocks on top: dark green,
" " fruiting.

ditto

6460 Moss
" " On rocks on ledges on top;
" " fruiting

ditto

14 moss
vibrant, bright green
on damp ledges
6461 at cliffs on top of Shenandoah Co.
v1
South end of Short Mountain, Va.
Massanutten range,
east of Mt. Jackson, Va.
April 16, 1939
H.A. Allard

6462 Moss
vibrant, brilliant green; on
cliffs at top ditto

6463 Cladonia
v1 "Reindeer moss" on rocks at top. ditto

6464 Cladonia
v1 "Reindeer moss": near # 6463 ditto

6465 Cladonia
v1 (reindeer)
competing with mosses (Polytrichum etc.)
where are these mosses?
(By roadside on bank in woods at foot of mt.) ditto

6466 Peltigera
v1 competing with moss.
what is the moss?
Growing with # 6445 & 6451. ditto

6467 Asplenium montanum Willd.
v1 in crevices of vertical cliffs at top of mountain. ditto

Moss
on rocks, above cliffs at top at 2700 ft. Short Mt.,
Massanutten range,
Shenandoah Co., Va.
6468 a beautiful golden bronze
species in fruit, covering
large areas here, on rocks. April 16, 1939.
H.A. Allard

6469 *Tunga canadensis*
v1 on creek bank, just west of Coffetta on
at Stony Creek, Little Stony Creek
near of Mr. Coffetta. April 23, 1939
habitat: abundant. H.A. Allard.

6470 Moss
v1 on rimlet on rocks of slope. ditto

6471 Moss
v1 (Thuidium)
on rocks on steep slope near
crest of ridge. ditto

6472 Moss
v1 on dry soil top of ridge near
Big Schloss. ditto

6473 Moss
v1 on rocks at Big Schloss. ditto

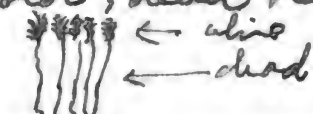
6474 *Arabis laevigata* (Muhl.) Poir.
v1 on crest of ridge near Big Schloss. ditto
scattered; just in flower.

Salaginella rupestris L. End slope of Devils Hole Mt,
Shenandoah Co. Va.
on red sandstone, near of Coffelt's and Little
6475 Soil at crest of ridge April 23, 1939
just N. of ridge H.A. Allard.
Devils Hole Mt.

6476 Moss
on damp rocks where spring
overflows near crest of ridge.
just west of Coffelt's. ditto

6477 Moss.
In water where spring flows
over rocks near # 6476. ditto

6478 Moss
Long stringy.
On rocks under water where
spring flows over slope; near # 6476. ditto

6479 Moss
On muddy soil on rock where
spring flows down slope.
a brilliant green color, dead below
but living at tips.  ditto

6480 *Saxifraga hirculus* Marsh Bull Run Mt. Va.
(3) In fine brook edge Shenandoah Co.
pasture beyond (or) Relay April 30, 1939
old cabin H.A. Allard
abundant; leaves glaucous
beneath. west slope below
High Point. ditto

6481 *Viburnum pinnatifidum* L.
(3) In field (pasture) where *Pinus*
rigida *globosa* grows. ditto
abundant, very showy, in full bloom here.

Carex artictata Mark. Bull Run Mt. Va.
In heavy woods April 30, 1939
below High Point Cliffs, Franconia Co.
scattered. Below High Point
west slope.
H.A. Allard
Ident. by F.J. Hermann. e

6482
6483 *Amelanchier canadensis* (L.) Med. ditto
on High Point Cliffs: full
bloom here: hard blowing below mostly.
abundant on Bull Run ridges. e

6484 Three Top Mountain, Va.
Massachusetts Range,
Shenandoah Co.
May 7, 1939.
H.A. Allard.
at rock slides near
slope near South Fork
of Shenandoah R. near
of Woodstock on English Run

6485 *Erodium cicutarium* (L.) L'Her. ditto
In steep pastures at Logansport Grove
south of Woodstock, 1 mile
from D. flat, neither peaches distinctly
occupies the ground where tall herbage is eaten.

6486 *Carex artictata* Mark. old
(3) In old field growing up, near Cabins ditto
near River; abundant.
Ident. by F.J. Hermann. e

6487 Gramineae ditto
(2) wooded slopes near River, near
6486: scattered; not abundant.

6488 Moss ditto
on bank high up on shale
slope: fairly wooded, shaded.

Fruticose lichen
on rocks on rock slide
high up slope.
6489 1/2: abundant
locally here.
Three Top Mountain, west slope,
Massachusetts Range,
Shenandoah Co., west slope
near So. Fork of Shenandoah
near Woodstock, Va.
May 7, 1939
H. G. Allard on English Run

6490 *Azalea multiflora* ditto
(3) In woods far up slope near
rock slide - near # 6489.
abundant: full flower.

6491 *Lonicera dioica* L. ditto
(1) on rocky slope just off rock slides
near top of slope. Just in flower -
few blossoms.

6492 *Arctis laevigata* (Muhl.) Poir. ditto
(1) On wooded slope everywhere and
near river: abundant.

6493 *Carex communis* Bailey ditto
(2) Basal sheaths deep reddish.
In woods near river in rich soil:
abundant. Ident. by T. J. Hermann

6494 Mass ditto
(1) In wet springy spot near river.
near old cabins.

6495 *Cladonia* (L.) ditto
Like a "reindeer moss".
(1) On rocky shelves at top of ridge
on rock slides.

6495 a. On bank above near Shenandoah
River here & below.

Lichen (brown)
(strong fishy smell)
High up slope
6496 on rocks in
(2) woods.

Three Top Mt., west slope,
Massachusetts Range,
Shenandoah Co., Va.
May 7, 1939
west slope near So.
Fork of Shenandoah
N. W. of Edinburg.
on English Run

6497 Mass ditto
Bright, shining green.
(1) In wet spot with # 6494.

6498 Mass ditto
(1) In same spring brook with # 6494.
a large, dark green mass - pine-like.

6499 *Viola sororia* Willd. ditto
(8) Rich woods west slope near
River & old cabins, near # 6486.
abundant. Leaves beneath, stems (petioles)
hairy.

6500 *Carex blanda* Tenney ditto
(4) Rich woods near # 6499: abundant.
Ident. by T. J. Hermann.

6501 *Viola scabrinervula* Schneid. ditto
(2) Near # 6499, in damp, rich woods.
(capsules densely woolly)
(fl. yellow: purple-veined): abundant locally.

6502 Mass ditto
(7) with # 6494.

Mass
Growing in spring-fed
brook near old cabins
near River.
6503
(11)

Three Top Mt., Va
Massanutten Range,
Shenandoah Co.
west slope N. E. of road to top
Va. May 7, 1939. H.A. Allard.

6504 ^{Mass}
Brilliant shimmering light green;
very beautiful. Growing near # 6503 ditto

6505 *Jeffersonia diphylla* (L.) Pers.
(15) In rich woods near old cabins: only
one spot: local. ditto

6506 *Gramineae*
(2) on wooded slopes: in scattered clumps: ditto
shattering.

6507 *Carex platyphylla* Carey
(6) Broad glaucous leaves: in rich damp
woods on shale to River: very abundant.
Ident by F. J. Hermann. ditto

6508 *Rock Lichens*
(1) on rocks of rock slide ditto
climbed on this trip.

6509 *Bromus*
(4) At lower end of
Riverton Bridge,
Warren Co., Va. Very
abundant.

~~Shenandoah Valley of Va~~
Hardy Co., ~~West~~ Va.
May 10, 1939
H.A. Allard
on ridge west of
Big Schloss Ridge.

Lithospermum arvense ~~aff. glaucum~~ Shenandoah
on roadside ~~Hardy Co., West Va~~
Two miles west of Shenandoah
May 10, 1939
6510 *Edinburg*: common H.A. Allard
(2) on west ridge west of
Big Schloss Ridge
directly across valley from
Big Schloss.

6511 *Salvia verbenaca* L.
(7) Growing with # 6510 ditto
a large colony here: my first record.
bl. blue: in full bloom.

6512 *Erodium cicutarium* (L.) L. Her.
(2) Growing near # 6510: large ditto
1 ft - 18 in tall, with spread of 1 foot or
more: abundant: full bloom.

6513 *Sisyrinchium mucronatum*
(13) On shale soil near Posell's Port Valley. ditto
by roadside: full bloom, very
showy, blue in clumps.

6514 *Pentstemon hispidus* (L.) Willd.
(15) on shale banks by roadside ditto
near Strasburg, Va west of Shenandoah
River: abundant: full bloom.

6515 *Aronia*
(7) Low bush - 2 ft
on top of dry rocky
ridges at old Ford cabin
full bloom, showy.

Hardy Co., West Va
on ridge west of Big
Schloss ridge.
May 10, 1939
H.A. Allard

6516 *Anemone trifolia*
(2) Growing high on west slope ditto
near # 6515 - under bear oak
etc: full bloom: occasional.

Hepatic
Mass

6517 On crevices of high ledges here, Hardy Co., West Va. On ridge directly across valley west from Big Schloss Ridge & Big Schloss May 10, 1939 H.A. Allard.
= *Diplophyllum foliosum* (Hedw.) Mohr. H.A. Allard.
plus *Diplophyllum apiculatum* (Evans) Steph.
6517A: " " " "

6518 Mosses, crevices of ledges near top near # 6517 ditto
= *Pohlia nutans* (Hedw.) Lindb.
6518A: *Gymnostomum recurvirostrum* Hedw.

6519 *Asplenium montanum* Willd. ditto
" On crevices of ledge face near # 6517.

6520 *Viola canadensis* L. (white fl.) ditto
" (2) May 10, 1939 Shenandoah Valley, Shenandoah Co. Va. on banks of Little Stony Creek west of Edinburg, Va. near Three Mile Mt., Va.

6521 *Equisetum arvense* L. ditto
" On banks of Little Stony Creek near # 6520, where bridge is - near Thruja occidentalis.

6522 *Amelanchier* ditto
" (3) at ledges at top, near Hardy Co., West Va. on ridge just west of Big Schloss for Big Schloss ridge, May 10, 1939 H.A. Allard.

6523 *Crataegus* ditto
" (3) High up near cliffs at top in woods; anthers pinkish.

Lichen -
Parmelia ?

6524 Lichen gray: ditto
" On rock in woods on slope ascending to top of ridge.

6525 *Malus angustifolia* ditto
" (4) In woods near cliffs; very showy pink flowers, fragrant. Scattered in woods here.

6526 *Sis verna* L. ditto
" On top of ridge, at ledges, amongst rocks, very abundant, full bloom, showy; delicately fragrant.

6527 Moss, ditto
" (2) Long, slender, immersed in flowing water from cold mountain stream near the ledges in a ravine. (Grown with algae)

Ponticalis Leacurii Sull. ditto
6528 Lichen (gray) ditto
" On banks of damp ravine leading near ledges.

6529 *Coreopermyxylaria* Lam. ditto
" (5) On rocky shelves at cliffs at top; abundant. Ident. by F. J. Hermann.

6530 *Batis tinctoria* ditto
" (3) Tall flower - at end of Piverton Bridge, and spreading along roadways. Tall flower. See # 1938 Shenandoah, May 10, 1939 H.A. Allard.
Great Valley, of Va. Warren Co. near Piverton, Va. at end of bridge over North Fork of Shenandoah.

Sisyrinchium macrocarpum Michx.
Very abundant in an old Fairfax Co., Va
meadow: a blue May 12, 1939
6531 here over much of the H.A. Allard.
(2) area: full bloom. e

6532 *Carex pensylvanica* Denev. Arlington, Va
(5) Beside walk on Arlington Co., Va
H.A. Allard's lawn; abundant May 12, 1939.
here. H.A. Allard.

6533 *Euphorbia corollata* Bartlett form var
(2) ~~if *corollata*~~ Pond Mountain
On dry Tanager hillside, Tranquar Co
in pasture, west slope. May 14, 1939
Not common just in bloom. H.A. Allard.

6534 *Sphaeropholis nitida* (Krug.) Scribn.
(1) In open woods, west slope: in clumps, ditto
scattered: just coming into flower
abundant over the entire area in woods; shining,
attractive. e

6535 *Carex retroflexa* Muhl.
(1) Near # 6534. ditto
e

6536 *Carex artecta* Mark.
(2) In same woods near # 6534. ditto
e

6537 *Juncus ? sibiricus planifolius* Muhl.
(2) In open woods, west slope. ditto
near # 6534. e

Clematis ochroleuca Nutt. Pond Mt., Va
In open woods, Tranquar Co
6538 west slope with # 6534. May 14, 1939
(1) Full bloom: scattered. H.A. Allard
e

6539 *Erigeron phillyllis* Michx. ditto
(1) By road in opening in woods with # 6534. e
Full bloom: color light, sky blue.

6540 *Ranunculus hispidus* Michx. ditto
(2) In woods west slope with # 6534: e
abundant: full bloom.

6541 *Gizia cordata* (Walt.) D.C. ditto
(3) In woods with # 6534: e
abundant, full bloom: shiny
yellow fl.

6542 *Carex gracilescens* Steud. ditto
(2) In woods, west slope with # 6534. e

6543 *Carex convoluta* Mark. ditto
(1) In woods with # 6534. e

6544 *Batrachium virginianum* (L.) Sw. ditto
(2) Rich, deep soil, east and west slopes; abundant: just fruiting. e

Smilax herbacea L. ✓
very odoriferous like carnation,
6545 west slope with #6534.
Pond Mt., Va
Fauquier Co.
May 14, 1939
H.A. Allard.

6546 *Cynoglossum virginianum* L. ditto
abundant, full bloom: east slope.
In rich woods.

6547 *Carex artiteuta* Michx. ditto
Top of ridge, in woods.

6548 *Carex laxiflora* (Trommsdorff) ditto
By roadside, east slope near
farm yard fence.

6549 *Paulownia tomentosa* (Thunb.) Steud. ditto
at foot of cliff beginning south of
Thoroughfare Gap near Route #55.
Full bloom: very beautiful: of general
occurrence.

6550 *Phacelia dubia* (L.) Small. Arlington Farm, Va. ditto
a volunteer seedling Arlington Co.; May 13, 1939
on 13 hour fern test of H.A. Allard
afternoon platyneuron from Great Falls, Md., 1938.
Plants 11-12 in tall: racemes loose 4-5 in long.
fl. blue (light)

6551 *Phacelia dubia* (L.) Small. ditto
volunteer germinating on 10 hour day
with same fern. Plants very low, 2-2 1/2
in tall, mostly leaves. Short stems with
no racemes but flowers in clusters of 2-5
only. Habit completely changed.

Polygonum persicaria L. Arlington Farm, Va.
volunteers on 10 hour day test of H.A. Allard
May 23, 1939
6552 *Polygonum vulgare* from Great Falls, Md.
1938. Plants many, very small, 4 in or
less tall, flowering late 4-5 leaves only had
dev. of one cot. None had flowered on 13,
14, 14 1/2 or Controls.

6553 *Sisyrinchium* (None flowering)
No plants on 12 hour; May 23 on 12 1/2 hr.
old field (Wormed?)
near Falls Church, Va
Arlington Co.,
May 21, 1939
H.A. Allard.

6554 *Robinia*
By roadside in bank. Near Merrifield, Va
Very abundant here - 2-3 ft. Fairfax Co.
Flowers deep rose pink, turning blue
on drying. Escape? May 21, 1939
H.A. Allard.

6555 *Pentstemon canescens* (Mill.) Britt.
Roadside on Triassic gray Gainsville, Va
with abundant: flowers pinkish Triassic G. &
leaves, sharp teeth Prince William Co.
May 21, 1939
H.A. Allard.

6556 *Caryophyllus americana* Walt.
In old pasture near Bull Run Mt., Va
Belts; abundant. North of Hagerell Gap.
May 21, 1939
Fauquier Co.
H.A. Allard.

6557 *Ulmus americana* ditto
In pasture west from Belts
near # 6556

6558 *Rubus argutus* Link.
High blackberry.
Pasture near # 6556.
Full bloom: abundant
4-5 ft. ditto

Rubus
(Half-high Blackberry
so-called) very
6559 abundant; full flower
(2) 2-3 ft. high.
very fine fruit.
Bull Run Mt., Va
Fauquier Co.
west slope, north
of Hagerrell Gap.
May 21, 1939
H.A. Allard.

6560 *Veratrum viride* Nutt
(2) In swamp north of
(dry scirpus belts 1 mile; abundant,
each) full bloom. ditto

6561 *Carex haeraginata* (Kirkenth.) Mack.
(1) In same swamp with # 6560 ditto

6562 *Viola cucullata* Nutt.
(1) Lateral petals bearded.
In swamp with # 6560 ditto

6563 Gramineae.
(2) Growing in soil on rock in brook
N. of Hagerrell Gap 2 miles, near # 6560 ditto
- *Trisetum pennsylvanicum* (L.) Beauv. e

6564 *Carex leavenworthii* Dancy
(2) on dry bank in thin woods
near # 6563 (here re ate)
abundant ditto

6565 *Carex blanda* Dancy
(3) Growing with # 6564.
very abundant here, making
much of vegetation. ditto

Cardamine pennsylvanica Nutt. Bull Run Mt., Va
Fl. white. on soil
mat on flat stones west slope 2 miles
6566 in brook stone N. of Hagerrell Gap.
(2) re ate, May 21, 1939
abundant here; passing. H.A. Allard.

6567 Gramineae
(2) Growing with # 6564. ditto
= *Bromus japonicus* Thunb. e

6568 *Carex aciculata* Dancy
(2) Growing with # 6564 ditto

6569 *Carex gracilescens* Steud
(1) Growing with # 6564 ditto

6570 *Carex gracilescens* Steud
(4) with # 6564 ditto
6570A = *Carex grisea* Wahl. e

6571 *Carex gracilescens* Steud
(1) with # 6564 ditto

6572 *Carex grisea* Wahl.
(1) with # 6564 ditto

Carex cephalophora Muhl Bull Run Mt., Va
on dry slope in
open woods here
6573 near it - 1/2 mile west slope 2 miles
N. of Hagerell Gap. May 21, 1939
H.A. Allard

6574 *Carex rosea* Schk.
" with # 6573

ditto

6575 *Carex consoluta* Mack
" with # 6573

ditto

6576 *Galium aparine* L.
" In swamp near # 6573
very abundant!

ditto

6577 *Carex flacca* Deney (immature)
" with # 6573

ditto

6578 *Carex cephalophora* Muhl
" with # 6573

ditto

6579 *Carex rosea* Schk.
" with # 6573

ditto

Carex cephalophora Muhl Bull Run Mt., Va
in moist soil
near # 6573. near slope 2 miles N
of Hagerell Gap. May 21, 1939
H.A. Allard

6580
(2)

6581 *Platanus occidentalis*
" In pasture just west of Belts ditto

6582 *Carex flaccisaginata* (Kühenth.) Mack.
" In wet swale west of Belts ditto

6583 *Elychianis tenuis* (Willd.) Schultze
" with # 6582 ditto

6584 *Carex flaccisaginata* (Kühenth.) Mack.
" In swale with # 6582 ditto

6585 *Veronica officinalis* L.
" In damp soil in pasture near # 6582 ditto

6586 *Carex flaccisaginata* (Kühenth.) Mack.
" In damp soil near # 6582 ditto
in swale.

Trifolium procumbens L. Bull Run Mt., Va
(yellow), in pasture near slope
N. of Hagerell Gap 1 1/2 miles N. of Hagerell Gap
Tangier Co.
May 21, 1939
H.A. Allard.

6588 *Liriodendron tulipifera* L. ditto
(3) In pasture near # 6587; full bloom.

6589 *Carex glaucoidea* Tuckerm. H.A. Allard's garden
(3) Near pines. Arlington Co., Va
May 23, 1939
H.A. Allard

6590 *Veronica*
(1) Abundant; erect. *Lawn of Administration Bldg., U.S. D.A., Wash. D.C.*
at main entrance.
May 23, 1939
H.A. Allard

6591 *Veronica*
(1) Very abundant; with # 6590 ditto
Dying as summer comes on; replaced by crab grass.

6592 *Crataegus cuneifolia* L. West of Bull Run Mt.,
(3) In meadow along west slope; meadow.
Broad Run just N. of Thoroughfare Gap, Tangier Co.
Full bloom: as if as of May 24, 1939
H.A. Allard.

6593 *Hieracium pratense* Tausch Near Marshall
(16) Roadside near Marshall Tangier Co.
very abundant; full bloom.
Stoloniferous; slender stolons
just beginning.

Labiatae (white woolly) Great Valley of Va.
(Shenandoah Co.)
one clump only, just on Pugh's Run
6594 south of Strasburg, Va. U.S. # 11, south of
(7) on roadside at limestone May 24, 1939
cliffs: full bloom. H.A. Allard.
(None seen since it before)
= *Stachys lanata* Jacq. in thread in Blake's herbarium

6595 *Osmorhiza longistylis* var. *viribicantis* Ternald ditto
(3) Growing by stream (Pugh's Run) one mile N. of Woodstock, Va near
U.S. 17; abundant at trail limestone outcrop here.

6596 *Hesperis matronalis* L. On Pugh's Run, Limestone outcrop,
(9) On limestone cliffs near highway U.S. 17,
along Pugh's Run; 1 mile N. of Woodstock, Va
very abundant, showing white and purple; May 24, 1939
full bloom H.A. Allard

6597 *Carex grisea* Wahl. with # 6596 ditto
(1) 6597A = *Carex flanda* Desney.

6598 *Pellaea atropurpurea* (L.) Link. ditto
(1) with # 6596 on cliffs (limestone) abundant.

6599 *Valerianella*
(3) On cliffs with # 6596 ditto
Plants pale; off. leaves.

6600 *Carex flanda* Desney
(1) with # 6596 ditto

Carex grisea Wahl
just off U.S. #11.

6601

(1)

On Pugh's Run,
Limestone cliffs,
1 mile N. of Woodstock, Va.
Shenandoah Co.
May 24, 1939
H.A. Allard

6602 *Splachnaceae* *trichomanes* L.

(2) On limestone cliffs on
limestone cliffs with # 6601
(abundant here)

ditto

6603 *Carex cephalophora* Muhl

(1) On same cliffs with # 6602

ditto

6604 *Menchera*

(1) with # 6602: full bloom.

ditto

6605 *Convolvulus*

(1) very white woolly. Just in bloom.
at Mr. Burner's pasture
foot of Pugh's Run road.
Just in bloom.

Three Top Mt. Va
Massanutten Range
May 24, 1939
Shenandoah Co.
H.A. Allard

6606 *Orobanchaceae* *miflora* L.

(1) on shales in woods on
west slope east of Mr. Burner's farm.
abundant: full bloom.

ditto

6607 *Carex pennsylvanica* Lam

(1) on steepest, barren shales of
slope east of Burner's house & hill
abundant, past.

ditto

Carex hitchcockiana Denny Three Top of Mountain, Va
Massanutten Range,
May 24, 1939
H.A. Allard.

6608

(1)

on top of ridge
at cliffs above
rock slides.

6609

(3)

Comandra umbellata L. (Nutt.) Nutt. ditto

in woods on shales
near # 6608, (abundant)
full bloom.

6610 *Pentstemon*

(2)

on steep barren shales above
I fell: near # 6607: abundant: full bloom.

ditto

6611 *Cucurbitaceae* ?

(2)

in woods in deep ravine by spring
where once a house site on
shales well down mt.

ditto

6612 *Fumariaceae*

(2)

with # 6611.
seedling: seeds shining, black.

ditto

6613 *Philadelphus coronarius* L.

(3)

(very fragrant: several clumps) ditto
Growing with # 6611: a survivor from
a house site: very beautiful but lost in
these woods now.

6614 *Rubus*

(1)

trailing.
on dry rocky crest of ridge

ditto

Gramineae
On dry rocky ridge
6615 crest above slides.
(2) Not in flower, but soon. H.A. Allard.
Three Top Mountain, VA
Massanutten Range
Shenandoah Co
May 24, 1939

6616 *Carex cephalophora* Muhl.
(1) near # 6615 ditto

6617 *Mnogeia pilosa* (Michx.) Pers.
(4) on steep slopes in heath zone above
rock slides: abundant; full bloom, ditto

6618 *Rhus glabra* (Michx.) Steud.
(5) (blossom)
on steep barren shale where I fell.
Patches here: erect, bushy, ditto

6619 *Bypleurum rotundifolium* L. Bull Run Mts, Va
(3) In least gorge at old house Tranquien Co
(6) below High Point, half stone, May 28, 1939
half wood: full bloom. H.A. Allard.
next slope below
(my first record in Bull Run area. High Point) e

6620 *Sisyrinchium angustifolium* Mill.
(1) In swampy just beyond lowest
gorge below High Point: full bloom. ditto

6621 *Carex flaccidula* (Kühnenth.) Mack.
(1) In swampy woods near # 6620 ditto

Gramineae
In low swampy
6622 woods below
(2) High Point cliffs.
scattered in clumps.
= *Trisetum pennsylvanicum* (L.) Beauv. e
Bull Run Mt., Va
Tranquien Co, 1939
May 2
H.A. Allard.
next slope below High P.
cliffs

6623 *Aster multiflorus* Jacq.
(1) In rich woods just below
(west) of High Point cliffs. ditto
scattered throughout: full bloom.

6624 *Carex virescens* Muhl.
(1) on High Point cliffs. ditto

6625 *Rubus argutus* Link
(1) (High stems) among rocks
at foot of High Point cliffs. ditto

6626 *Hieracium pratense* Tausch.
(3) By roadside just near Gainesville, Va
below #55 turn-off from Prince William Co.
U.S. # 11. Has just appeared May 28, 1939
in Bull Run area this year. H.A. Allard e


6627 *Oxalis stricta* L.
(3) (yellow)
In old field near
Prunus echinata tree.
(full bloom) Bull Run Mt., Va
Tranquien Co.
May 28, 1939
H.A. Allard e
next slope below
High Point

6628 *Carex annulata* Becken.
(2) Near old ditch below
Prunus echinata
in field (damp soil.) South of Hagerell Gap.
ditto

6629 *Carex amnietens* Bickn. Bull Run Mt., Va.
 Beside brook near Tranquor Co.
 dead chestnut Elm tree. west slope below
 High Point, south
 of Hagerell Gap.
 May 28, 1939
 H.A. Allard. e

6630 *Senecio smallii* Britton ditto
 (3) In old field where wild carrot so
 abundant last year: growing in
 and *Prunus virginiana* area.
 Full bloom. e

6631 *Houstonia missouriensis* L. ditto
 (1) In old pasture just beyond
 Riley's brook where young red cedars so
 abundant.
 (full bloom) e

6632 *Veronica arvensis* L. ditto
 (1) In old pasture near # 6631.
 abundant, dying, brown; erect, slender,
 abundant; annual  e

6633 *Glyceria striata* (Lam.) Hitch. ditto
 (2) In damp soil of brook near
 big dead *Helms americana*
 abundant in swamps, brooks on stones,
 etc. e

6634 *Equisetum arvense* L. ditto
 (2) with # 6633 in damp soil
 on bank. e

6635 *Moss* ditto
 (1) on thin soil on rock
 in brook with # 6633. e

Agrostemma githago L. Bull Run Mt., Va.
 In wheat field south of Tranquor Co.
 Hagerell Gap: full bloom May 28, 1939
 6636 *Parolla hilaris* purple some as H.A. Allard
 (2) upper lip of *Orelin spectabilis* west slope
 abundant, below High Point Cliffs. e

6637 *Convolvulus sp. repens* L. ditto
 (3) *Stigmaea* var.
 In dry, sterile soil by
 roadside below Castello's, Hagerell Gap
 very abundant, full bloom. e

6638 *Carex laevigata* (Kirkend.) Mark. ditto
 (2) In open soil below Castello's
 at Hagerell Gap. e

6639 *Carex lurida* Wahl. ditto
 (5) Growing with # 6638. e

6640 *Juncus effusus* L. var. - (immature) ditto
 (3) with # 6638; very abundant.
 making green berberis (tall) in many
 small ones. e

6641 *Campylactis arenaria serpyllifolia* L. ditto
 (1) In pasture at Hagerell Gap below
 Castello's: abundant. e

6642 *Veronica officinalis* L. ditto
 (1) In old field at Hagerell Gap
 below Castello's
 large areas - blue (light) with
 brown. e

Pentstemon canescens (Britt.) Britt. Bull Run Mt., Va
In old field on Triassic Area May 28, 1939
near Antioch. Very abundant; H.A. Allard.
6643
(7) bull blower

6644 *Consolida spithamea* L ditto
(1) (1) on bare areas S. of Hofferell Gap
where soil was obtained for testing at
Arlington Farm. Very abundant in these
bull blower white; almost the only plant
here.

6645 *Panicum deplanatum* Muhl. Bull Run Mt., Va
(2) In pasture S. of Belts Tranquien Co.
(same clump.) May 30, 1939
H.A. Allard.
In area just west of
Belts old N. and
Toward Landmark
N. of Hofferell Gap. e

6646 *Bromus commutatus* Schrad. ditto
(2) In farmyard of negro
farm where we heard carolers
white folks. Very dense stands

6647 *Bromus commutatus* Schrad. ditto
(2) Growing with # 6646; abundant

6648 *Carex lasiocarpa* Lam. ditto
(1) In deciduous woods east of
Landmark. e

6649 *Panicum dichotomum* L. ditto
(1) In woods east of Landmark e

Sphenopholis Bull Run Mt., Va
In woods Tranquien Co.
east of Landmark. In area west of High Knob
and Belts old toward
Landmark. May 30, 1939
H.A. Allard.
(1) *Sphenopholis filiformis* (Chapm.) Scribn. e
New to Va.

6651 *Carex ~~rostrata~~ consolida* Mack ditto
(1) In woods near # 6650
(abundant) e

6652 *Carex hirsutella* Mack ditto
(1) In woods near # 6650 e

6653 *Panicum fasci* Poir ditto
(1) In woods with # 6650 e

6654 *Carex lasiocarpa* Lam. ditto
(1) In woods near # 6650 e

6655 *Carex hirsutella* Mack ditto
(4) In mud road in woods
near # 6650 e

6656 *Asarum parietaria pennsylvanica* Muhl. ditto
(3) In damp rich woods near
Landmark; very abundant here. e

Gramineae
In damp rich woods
near landmarks,
6657 where all the black
walnut trees.
" *Bromus japonicus* Thunb.
Bull Run Mt., Va
Fauquier Co.
west slope in area
west of Round Knob
and Belts toward
landmarks.
May 30, 1939
H.G. Allard

6658 *Carex muhlbergii* var. *racemosa* Boott.
" *plana* Mack.
" In thin, open woods on dry
slope east of landmarks where it is
abundant here. Halfway
(same clump.)

6659 *Carex cephalophora* Muhl.
" with # 6658
abundant here
(same clump.)

6660 *Carex hirsutella* Mack.
" Near # 6658
(same clump.)

6661 *Carex cephalophora* Muhl.
" In old pasture near # 6658

6662 *Carex cephalophora* Muhl.
" Edge of thin woods, dry near
pasture near # 6658

6662 a: *Carex flacca* Mack.
" *muhlbergii* var. *energis* Boott.

6663 *Panicum depauperatum* Muhl.
" In old pasture near # 6662

Carex hirsutella Mack.
In heavy thicket of *Rhus glabra* in
pasture where it made almost
6664 a pure dense stand of forage.
" below.
" In pasture west of Belts
Bull Run Mt., Va
Fauquier Co.
May 30, 1939
H.G. Allard
In area west of Round Knob
and Belts and toward
landmarks.

6665 *Carex cephalophora* Muhl.
" with # 6664
very abundant in old pasture

6666 *Carex cephalophora* Muhl.
" In pasture with # 6664

6667 *Carex cephalophora* Muhl.
" Near # 6664

6668 *Carex hirsutella* Mack.
" In pasture near # 6664

6669 *Convolvulus spithameus* L.
" *repens*
" In bare red-soil area in pasture
far west of Belts; covered with these only,
and exceptionally large. width flowers
6.8 cm; 7.0 cm; 5.5 cm; 6.7 cm.
(very showy, abundant.)

6670 *Houstonia missouriensis* L.
" In pasture near # 6669.
Very abundant; full bloom; and
in woods etc.

Consobolus spithameus Bull. Rm. M.T., Va.
 1 white bl. *Tranquien Co.*
 6671 ♀ = stigmas oral May 30, 1939
 (2) to offspring H.A. Ballard
 nest slope N. of Hufferell G. of
 2 miles, only nest from
 Round Knot to Landmark.
 x

6672 Sphenopholis glycyssia ditto
 (2) In woods (damp)
 Brilliant, shining green.
 In clumps = Sphenopholis filiformis (Chapm.) Scribn.
 e

6673 *Sisyrinchium gramineoides* Nutt.
(2) In low ground in pasture
just west of where we parked. e ditto
old stream bed below - i.e. at foot
of high white rock slope.

6674 Carex amnensis Bickn.
In the ground with # 6673 ditto

6675 *Carex bushii* Marsh
41 with ~~xx~~ 6673 ditto

6676 Coreparmentera Bickn. ↓
(1) with * 6673 ditto

6677 Carex bushii Mark
13, with * 6673 ditto

Triaster perfoliatus L Bull Run Mt., Va
In woods east of Franquiers Co
6678 Landmarks, old May 30, 1939
old pastures: H.G. Allard
abundant west slope N. of Hagerell Gap
full flower. 2 miles east west
from Round Knob toward
Landmarks. +)

6679 *Aplectrum hyemale* (Muhl.) Torr.
 " In heavy woods east of Landmark, ditto
 rich soil. ^{leaf dead.} One bulb 3 in
 away not blooming this year and with no
 leaf; a larger bulb. Any first finding of
 6680 The plant in flower.

6680 *Senecio smallii* Britton
(2) on dry wooded slope in thin ditto
woods: abundant: east of landmark
full bloom, c

681 Rattlesnake Mt., Va
Fauquier Co.
June 2, 1939.
alt. 2100 ft.
H. A. Allard

5682 Carex grisea Wahlen
(4) In heavy woods in rich black soil at top of highest point. ↓
ditch

683 Gramineae
In woods on east slope near top of ditto

5684 *Carex cephalophora* Muhl.
(2) In woods east slope. ditto

Carex ammens Bickn. Rattlesnake Mt., Va
in small between
Rattlesnake and Buck
6685 Mt. June 2, 1939
H.A. Allard.


6686 *Juncus macrocarpa* S.F. Gray ditto
" in small with # 6685
(leaves of it here smothered) (ie with smut)
with fungus: e

6687 *Carex scariosa* Schk. ditto
(6) in small with # 6685:
(one clump) e

6688 *Juncus effusus* L. var. *solutus* Fern. & Mieg. ditto
(6) with # 6685: very abundant:
dark green below (stems) lighter zone
of bluish near top. e

6689 *Carex squarrosa* L. ditto
(4) in small with # 6685: abundant here. e

6690 Bull Run Mt., Va. ditto
Fauquier Co.
pasture south of Aldie 5 miles
on #629 off #55
June 4, 1939
H.A. Allard

6691 *Polytrichum* ditto
" abundant on dry banks in woods
here. just mature. 

Stellaria graminea L. Bull Run Mt., Va
Fauquier Co.
pasture south of Aldie 5 miles
June 4, 1939
H.A. Allard

6692 in low grassy meadow: abundant, full flower.
(2) Erythronium in fields and meadows here. e

6693 *Gramineae, Anthriscus elatior* (L.) Mert. ditto
(3) in open small in cult. ground; abundant e

6694 *Carex vulpinoidea* Michx. ditto
(4) in open small with # 6693. e

6695 *Juncus macrocarpa* S.F. Gray ditto
(4) with # 6693: abundant. e

6696 *Verbascum thapsus* L. ditto
" in open field: abundant, full flower
yellow and purplish. e

6697 *Carex vulpinoidea* Michx. ditto
(3) in open small. e

6698 *Verbena angustifolia* Michx. simplex L. ditto
(2) in open field: occasional.
filices purple; full flower. e

Silene aethiops L. Bull Run Mt. Va
Tangier Co
west slope pasture south of
Aldie 5 miles. June 4, 1939
H. G. Allard
off #55 on #629
l

(11) (yellow)
In field; abundant.

6701 *Carex lurida* Wahl.
(5) (all from one clump.)
Low ground sward along brook
near wooded slopes: abundant. c

6702 Carex lurida Wahl.

(11) Near λ 6701: abundant

6703 *Panicum claudatum* L
(2) on banks of brook in open shale.
abundant.

6704 Saxifraga atrovirens Wahlb.
 (3) In low, wet soil by brook
 with # 6701; common. e

6705 *Panicum landestinum* L
 12) In low ground near ditto
 * 6703.

Stellaria graminea L. Bull Run Mt., Va
Fauquier Co. Va
In open soil: barrens west slope 5 miles
south of Aldie on #629 off
6706 very abundant. #55 June 4, 1939
121 H.A. Allard.

6707 Gramineae
(3) 2 low grasses: very
abundant. = Festuca elatior L

6708 Carex vulpinoidea Michx.
(4) In low grassy area along brook. ditto

6709 *Juncus canadensis* J. Gay (too immature) ditto
12/ Near # 6708. e

6710 Carex lurida Wahlen. ↓ distr
14/ In swale along brook: abundant. |
t

6711 Sargassum validum Vahl.
 (4) In water (edge) along
 mounds near # 6708; abundant
 locally here.

6712 *Gramineae* ² *Poa trivialis* L.
12) On bank of brook near #6708; ditto
abundant. e

Carex normalis Mack
In swale along
6713 brook; abundant
(5)
Bull Run Mt. Va
Tangier Co.
west slope south of Aldie
5 miles. June 4, 1939
H.A. Allard; in open
fields, swales, pastures
etc here, to mountains.
e

6714 Carex vulpinoidea Mack
(4) In swale along brook near
woods: abundant; from same clump. ditto
e

6715 Carex normalis Mack
(8) In high pasture near woods ditto
e

6716 Panicum schauferatum Muhl.
(1) In woods on dry lower slope
of west ridge, west slope: abundant ditto
e

6717 Panicum barbatum Michx.
(1) In woods near # 6716. ditto
e

6718 Carex lasiophora Lam
(5) In woods near # 6716 ditto
e

6719 Polygonum aviculare L.
(3) In bar way of corn field: ditto
full blown here; abundant.
var. vegetum Ledeb.
(Plants very large.) P. monspeliense Thiebaut.
e

Carex prasina Wahl. Alleghenies
Hardy Co., west Va.
on Warden'sville road
west of Big Schloss, at
trail leading to Half Moon
Lookout. June 8, 1939
H.A. Allard. e
By trail from where
Trail to Half Moon Lookout begins.

6720
(2)
6721 Carex gracillima Schum.
at bridge over run in wet ditto
soil on trail from Warden'sville highway
to Half Moon Lookout. e

6722 Carex stipata Muhl.
(3) with # 6721 ditto

6723 Carex scoparia Schk.
(1) with # 6721 ditto
e

6724 Carex prasina Wahl.
(1) with # 6721 ditto
e

6725 Carex hirsutella Mack
(2) with # 6721 ditto
e

6726 Carex scoparia Schk.
(2) with # 6721 ditto
e

Carex stipitata Muhl. Alleghenies
at bridge in wet Hardy Co., West Va
soil at Rm June 8, 1939
6727 near highway. H.A. Allard.
on Warden'sville road
in valley west of Big Schloss
on trail leading to
Half Moon Lookout.

6728 *Juncus effusus*
(3) with # 6727 var *Pylaei* (Laharpe) ditto
Temporary.

6729 *Gramineae*
in woods on trail to Half Moon Lookout. *Festuca obtusa* Spreng. ditto

6730 *Carex cephalophora* Muhl.
with # 6729 ditto

6731 *Arabis*
with # 6729 ditto
scattered along trail in woods etc.

6732 *Carex hirsutella* Mack
(4) all of trail near # 6729 ditto

6733 *Carex cephalophora* Muhl.
(1) near fence near Warden'sville
highway on trail to Half Moon Lookout ditto

Asplenium montanum Willd. Alleghenies
on ledges of quartzite Hardy Co., West Va
June 8, 1939
6734 near # 6735; abundant. H.A. Allard
on trail from Warden'sville
Highway in valley just
west of Big Schloss to
Half Moon Lookout

6735 *Hydrophyllum virginianum* ditto
(2) By cliffs (quartzite) by roadside
in rich woods on highway to Lost River P.
from Warden'sville - Perry West Va.
most office: full bloom.

6736 *Carex virescens* Muhl.
(3) Near # 6735 ditto

6737 *Lathyrus venosus* Muhl.
Roadside on Warden'sville Highway ditto
(2) near beginning of trail to Half Moon
Lookout. (has not been marked & etc.)
Full bloom.

6738 *Oenothera* ditto
(2) Near # 6737

6739 *Carex amnietensis* Michx.
(4) in woods halfway between
Warden'sville Highway and
Lost River P.O. (one dwarf) ditto

6740 *Erigeron philadelphicus* L.
(2) in opening in woods on trail
all up to Half Moon Lookout from
Warden'sville Highway. Passing. ditto

Phlox ovata L. Alleghenies, West Va.
Hardy Co. June 8, 1939
H.G. Allard
In woods along
high way, from
6741 Warden'sville
on Warden'sville highway
west of Big Schloss.
(1) highway to Lost River P.O.
abundant: fl. deep rose-pink showy

6742 *Aster trichomanes* L. ditto
On quartzite cliffs beyond
(1) # 6741

6743 *Polemonium van-dermeulenii* Britton ditto
(1) woods near trail from
Warden'sville Highway to
Half Moon Lookout (roadside)
Past.

6744 *Carex vulpinoidea* Michx. ditto
(2) at cliffs near # 6741

6745 *Carex communis* Bailey ditto
(3) at cliffs near # 6741

6746 *Chamaelirium luteum* (L.) Gray ditto
(6) Long, damp rich woods
near beginning of trail to Half Moon
Lookout from Warden'sville Highway.
Locally abundant here; full flower.
Stippling with drooping more like spikes
of rounded branches.

6747 *Papaver dubium* L.
(3) Roadside between Edinburgh
and Columbia Turnpike, Va. Shenandoah
(very common in Great Valley) June 8, 1939
H.G. Allard

Holcus lanatus L. Bull Run Mt. Va.
Tangier Co.
Roadside, at Berkeley June 8, 1939
6748 Mill, Thoroughfare Gap H.G. Allard
(15) Full flower: my first record for
Bull Run area. scattered in the
Triassic from Aldie east etc. e

6749 *Houstonia tenuifolia* Nutt.
In Alleghenies near Dairs Hole Mt.,
(1) on high way from Columbia Turnpike
to Perry P.O. West Va.: near abandoned
C.C.C. camp. June 8, 1939. H.G. Allard
Shenandoah Co., Va.: abundant; full flower.

6750 *Juncus effusus* Alleghenies, West Va.
(3) var. *mylae* (L.) Hayden, near Dairs Hole Mt., Va. June 8, 1939.
In wet soil Shenandoah Co., H.G. Allard.
near Dairs Hole Mt., abundant (single)
at spring near top of Dairs Hole Mt. ridge
just before abandoned C.C.C. camp is reached.

6751 *Carex gynandra* Schreb. ditto
(3) at spring in wet soil with
6750 e

6752 *Panicum* ditto
(1) Road side bank near # 6750

6753 *Panicum* ditto
(3) Near # 6750

6754 *Panicum* ditto
(2) Near # 6750

Holcus lanatus L. Alleghenies, West Va.
Panicke pinkish purple, Hardy Co., June 8, 1939
very beautiful. H.A. Allard
6755 On road from Perry, P.O.,
roadside near W. Wardensville.
Perry P.O., West Va.

6756 *Carex scoparia* Schk.
(5) In swale by roadside near Perry P.O., ditto
West Va.; abundant

6757 *Carex incompta* Bicknell.
(3) with # 6756 ditto

6758 *Carex Swanii* (Tern.) Mack.
(7) In swale with # 6756 ditto

6759 *Carex scoparia* Schk.
(5) with # 6756 ditto

6760 *Carex lurida* Wahl.
(2) with # 6756 ditto

6761 *Carex scoparia* Schk.
(3) with # 6756. ditto

Scutellaria versicolor Nutt. Great Falls, Md.
offered as volunteer in June 15, 1939
day length studies of fern H.A. Allard
6762 *Asplenium platyneuron* fern Great Falls, Md.
1938. (see data)
A long-day type of plant

6763 *Carex tribuloides* Wahl. Bull Run Mt., Va
(5) (one clump) In Tangier Co.
damp soil by railroad west slope
at Beverly Mill from Beverly Mill to
Broad Run station on
railroad June 18, 1939
H.A. Allard.

6764 *Carex tribuloides* Wahl.
(2) Near # 6763; same habitat. ditto

6765 *Carex vulpinoidea* Michx.
(3) wet soil by railroad at
Beverly Mill near # 6763 ditto

6766 *Anagallis arvensis* L.
(2) (Pimpernell)
abundant above Broad Run station
on R.R. bed; full flower: fl orange-
red ditto

6767 Grassinal
(3) By railroad between Beverly Mill ditto
and Broad Run station
(My first record) ? *Agropyron repens* Beauv.

6768 *Morus rubra* L.
" By railroad above
Beverly Mill. ditto

Epilobium angustifolium L. Bull Run Mt., Va.
June 18, 1939
on Railroad near Broad Run Station. H.A. Allard
6769 on railroad from
Berkeley Mill to
Broad Run Station.
" "

6770 *Menchera americana* L. ditto
" " on rocky outcrops at
Thoroughfare Gap; abundant: full bloom
" "

6771 *Carex vulpinoidea* Michx. ditto
" " wet soil by railroad
above Berkeley Mill. " "

6772 *Oxalis stricta* L. ditto
" " on railroad above Berkeley Mill
" "

6773 *Scirpus bulbostylis capillaris* (L.) C.B. Clapp. ditto
" " on rail road above
Berkeley Mill and Broad Run Station,
wet soil. " "

6774 *Oxanthora americana* L. ditto
" " In Broad Run at
Thoroughfare Gap, a few just
in flower only. abundant. " "

6775 *Carex trituboides* Wahl. ditto
" " by railroad at Berkeley Mill.
" "

Juncus effusus Bull Run Mt., Va.
var. *solutus* Horn. & Sieg. June 18, 1939
on railroad, H.A. Allard
6776 wet soil, at Thoroughfare Gap
" " on railroad.
" "

6777 *Lichen* Alleghenies, West Va.,
Hardy Co., June 22, 1939
" " on bank of tree on forest road from Wadensville
at Trout Run where trail to Half Moon Lookout
begins at Trout Run.
" " here trail begins H.A. Allard.

6778 *Lichen* ditto
" " on trail to Half Moon Lookout
near Trout Run

6779 *Cladonia squamosa* (Scop.) Hoffm. ditto
" " on bank near # 6778

6780 *Cladonia squamosa* (Scop.) Hoffm. ditto
" " on bank near # 6778

6781 *Cladonia squamosa* (Scop.) Hoffm. ditto
" " on bank on Sugar Knob
at about 3000 ft. on trail
from Trout Run, (collected June 25, 1939
same trail above)

6782 *Cladonia furcata* (Reindeer) Alleghenies, West Va.
" " var. *naemosa* (Hoffm.) Hardy Co.,
on ground on trail from Trout Run
near Trout Run to Sugar Knob shelter.
" " in Wadensville road. June 22, 1939
H.A. Allard

Centaurea maculosa Lam Near Strasburg
on #55 from
on north side
east of railroad
crossing; abundant
(3) this year; just in flower June 22, 1939
fl. pink H.G. Allard.

6784 *Panicum* At abandoned CCC camp
(2) at CCC camp on Devils Hole mt ridge
near abandoned rest of Columbia Turnpike
at top of ridge on forest road to
road descends to Perry & Wardenville, West Va
Wardenville, West Va June 22, 1939
H.G. Allard.

6785 *Graminea*
(2) Same CCC camp same
as #6784 ditto

6786 *Agrostis*
(1) In same wet spot with #6785 ditto

6787 *Juncus marginatus* Rostr.
" with #6786 ditto

6788 *Juncus effusus* var. *Pydaci* (Lahaye) Terrell & P. H. R.
(2) with #6786 ditto

6789 *Panicum*
(5) with #6786. ditto

Juncus secundus Beauv. at abandoned CCC camp
on top of Devils Hole mt. ridge
at CCC camp in small
6790 here. Wardenville, West Va
highway, June 22, 1939
H.G. Allard
Shenandoah Co.

6791 with #6790. ditto
(5)

6792 *Carex scoparia* Schreb.
(5) with #6790 ditto

6793 *Panicum*
(2) near #6790 ditto

6794 *Carex scoparia* Schreb.
(2) near #6790 ditto

6795 *Agrostis*
(2) near #6790 ditto

6796 *Carex lurida* Wahl.
(4) with #6790 ditto

Oenothera
bl yellow. showy. On trail from Trout Run
to Sugar Knob shelter in
Alleghenies, West Va., Hardy Co.,
June 22, 1939
H.G. Allard.
6797 In grassy vale
(4) woods near Trout Run on Perry to Warden
ville highway.
full bloom)

6798 *Juncus effusus* at abandoned CCC
var. *solutus* Fern. sp. camp, Alleghenies
(2) In small stream, Shenandoah Co., Va.
at CCC camp. on Devils Hole mt. ridge
in Wardenville, West Va.
highway. June 22, 1939.
H.G. Allard

6799 *Lactuca*
(1) bl. yellow. On trail well
up toward Sugar Knob:
just in flower. ditto

6800 *Carex blanda* Tenney
(2) Near Trout Run in woods ditto

6801 *Oenothera*
(1) small yellow fl.
well up trail toward Half Moon
lead off ditto

6802 *Carex vulpinoidea* Michx.
(3) well up trail in small ditto

6803 *Carex Baileyi* Britt.
(2) In small near # 6802 ditto

Juncus effusus Alleghenies, West Va.
var. *solutus* Fern. sp. Hardy Co.
In small stream above Trout Run on trail from
Trout Run to Sugar Knob shelter
June 22, 1939
H.G. Allard.
6804 on trail to Sugar Knob, West Va.
(14)

6805 *Holcus lanatus* ditto
(1) at foot of trail at Trout Run
at Wardenville highway: full bloom.

6806 *Galium*
(3) Beside Trout Run ditto
where trail leaves Wardenville
highway: abundant; leaves white

6807 *Impatiens*
(3) white fl.) ditto
at beginning of trail from
Wardenville highway at Trout Run.
just in flower.

6808 *Circaea*
(2) Beside Trout Run where it ditto
(trail) leaves Wardenville highway.
fl. white.

6809 Lichen on low ground rocks (low), same trail to
Sugar Knob: but date
near ground on trail near Half Moon - June 25, 1939.
lead-off. H.G. Allard.

6810 *Saxifraga gregaria* Bicknell. ditto
(3) On trail 1 mile from
Trout Run: scattered in woods.

Sphagnum
at spring near
3000 ft on upper
6811 sketch of trail. on trail from Trout Run to
Sugar Knob shelter.
H.A. Allard
Alleghenies, West Va
Hardy Co., June 25, 1939
from Wardenville Road.

6812 *Nepetula*. ditto
On bank in deep, dark ravine
on bank from Sugar Knob Spring shelter
spring; just below spring.
Scapania undulata (L.) Dunn.

6813 *Sphagnum*. ditto
Near top of plateau in spring-fed
spot: *Sphagnum* hint of 6-8 inches in
blades smothering higher plants.

6814 *Sphagnum* ditto
with # 6813

6815 *Gramineae* ditto
31 at spring just below Sugar Knob
shelter.
A very beautiful spot - spring covered with
interrupted ferns etc.

6816 Moss ditto
at spring at Sugar Knob shelter;
on bank
Hypnum curvifolium Hedw.
plus *Bryhnia norae-anthracina* (Eull. & Desq.) Grout.

6817 *Peltigera* (silvery gray) ditto
Moss with it
just below spring near # 6816

6817A = *Picramnia scoparium* Hedw. plus *Thuidium delicatulum* (Hedw.) Mitt
6817B = *Rhytidiadelphus squarrosus* (Hedw.) var. *slender form* + *Dicranum scoparium* Hedw. plus *Hylocomium brevicaule* (Beauv.) Bry. Eur.
6817C = *Thuidium recognitum* (Hedw.) Lindb. plus *Picramnia scoparium* Hedw. plus *Thuidium recognitum* (Hedw.) Lindb.

Juncus effusus
var. *solutus* Torr. Spring.
at Sugar Knob shelter
6818 spring at 3100 ft. ditto
(2)
H.A. Allard
Alleghenies, West Va
Hardy Co. Sugar Knob
on trail to Sugar Knob
shelter from Trout Run
by Wardenville Highway
June 25, 1939

6819 Moss (reddish) - covered with strobiliferous ditto
on bank just below trickling brook
from spring.
Tetraphis pellucida Hedw.

6820 Moss ditto
with # 6819
Hygrohypnum norae-caesariae (Aust.) Grout.
defanferati

6821 Moss ditto
with # 6819
Tetraphis pellucida Hedw.

6822 Moss ditto
with # 6819
Bryhnia norae-anthracina (Eull. & Desq.) Grout.

6823 Moss ditto
with # 6819
Protherella recurvans (Mx.) Fleisch.

6824 *Peltigera* (lichen) ditto
silvery gray.
(with # 6819, on soil)

Moss.

Alleghenies, West Va.

on wet bank by brook in dark Hardy Co.
ravine just below spring. June 25, 1939
6825 on top of Sugar Knob. H.A. Allard.
"stone shelter stands: 3100 ft alt. we reached
this on Trout Run trail from Wardenville
plus Bryhnia norae-angliae (Sull. & Lesq.) Grout. =

6826 Moss

" with # 6825

ditto

Thuidium delicatulum (Hedw.) Mitt. plus
Bryhnia norae-angliae (Sull. & Lesq.) Grout. =

6827 Moss

" with # 6825

ditto

Brotherella recurvans (Mx.) Fleisch
Tetraphis pellucida Hedw.
Cephalozia media Lindb. and Calypogeia
messiana (M. & C.) R. M.uell.

6828 Moss

" with # 6825

ditto

Bryhnia norae-angliae (Sull. & Lesq.) Grout. =

6829 Carex gynandra Schum.

" with # 6825: also in ravine
below and along brook.

ditto

6830 Carex scoparia Schum.

" just below Sugar Knob shelter
spring on trail to Little Stony Creek.

ditto

6831 Carex gynandra Schum.

" with # 6830

ditto

(2) a large species with long, long spikes.

Panicum

Alleghenies, West Va.

Hardy Co.

on plateau just above Sugar Knob
6832 shelter; soil on trail from Wardenville
dry, sandy, stony. Highway and Trout Run to
Sugar Knob shelter (5 miles)

6833

Panicum

Alleghenies, West Va.

"

ditto

6834 Moss

in crevices beneath overhanging
ledges at causeway near top of
Sugar Knob.

ditto

Plagiothecium Roseanum (Hampe) Bry. Eur.

6835

Carex debilis var. Rudgei Bailey
very rare.

ditto

(2) at springy spot on trail near
top of Sugar Knob - where deer tracks
seen in mud.

6836

Panicum

(4) On trail (beginning) at Trout
Run; those found by roadside at
Trout Run in thickets etc.

ditto

6837

Pyrola elliptica Nutt.

" near top of Sugar Knob
in damp woods; full bloom

ditto

6838

Anemone nemorosa (L.)

(2) near # 6837. Abundant; full bloom. Gray
lower zone of raceme yellowish green;
middle purplish cream. upper (near fl.)
more white.

Galium verum L. Near Romney, West Va.,
Hampshire Co.
Self yellow flowered: some
some old hill pastures
6839 here with heavy growth. H.A. Allard
(2) saw it nowhere else.
Areas of this used by roadside in
old fields, contributing a more deep yellow.

6840 variegated grass (stiff) Davis, West Va.,
long. Tucker Co.
(3) Escape in old back yard: full bloom July 1, 1939
H.A. Allard.

6841 *Eriophorum virginicum* L. Davis, West Va.,
Tucker Co.
Seed. July 2, 1939
(3) In bog along road cut at bridge
6-7 miles from Davis.
Just in flower. Canada valley, between
Brown and Cabin mts.
at head of Blackwater River.

6842 Graminae
(1) with # 6841

ditto

6843 *Carex vulpinoidea* Michx.
(3) In deep fog near # 6841
(all are in flower)

ditto

6844 *Carex gynandra* Schreb.
(1) Near # 6841, in fog

ditto

6845 Graminae
(1) In fog near bear dam: very
wet.

ditto

Lycopodium annotinum L. Canadian valley
west of Davis, West Va.,
1/2 mile below Bear dam. 6-8 spikes near old
cabin. R. Tucker Co.
6846 (large spore) between Brown and Cabin
and sessile. mts. July 2, 1939
(1) H.A. Allard
Tucker Co.

6847 *Lycopodium clavatum* L. ditto
(1) with # 6846.
Drier, rocky banks etc.

6848 *Carex flumescens* (Pers.) Poir.
(2) Bog 1/2 mile below Bear dam. ditto
almost making a pure area
of dense bog area here.

6849 *Panicum*
(1) Near # 6848

ditto

6850 *Panicum*
(2) (large)
Near # 6848

ditto

6851 *Lycopodium clavatum* L. ditto
(1) Same as 6847

6852 *Lycopodium annotinum* L. ditto
(1) Same as # 6846
on drier ground on ridge
covered with scrubby wood.

Juncus effusus
In bog 1/2 mile below
6853 beaver pond.
var. solutus Fern. & Mieg.
Canaan valley east of
Davis, West Va. 6-8 miles
between Brown and Cabin Mts.
July 2, 1939
H.A. Allard.

6854 *Crataegus*
12/ Large, tree like at bridge in
swamp 1/2 mile west of beaver dam.
fruit green. ditto

6855 *Carex canescens* var. disjuncta Fern.
11/ In swamp with # 6853 ditto

6856 *Juncus macrocarpa* S.F. Gray,
11/ In wet soil at beaver pond. ditto

6857 *Juncus macrocarpa* S.F. Gray
11/ with # 6856 ditto

6858 *Juncus leptalea* Wahl.
11/ Near # 6856 ditto

6859 *Gramineae*
11/ Fine, reddish, bluffy,
at beaver pond near 6856. ditto

Potentilla
In higher ground near
6860 beaver pond.
Canaan valley, east of
Davis 6-8 miles
between Brown and
Cabin Mts., Tucker Co.
July 2, 1939
H.A. Allard.

6861 *Carex intrumescens* Rudge
13/ In wet soil at beaver pond ditto
6861a = *Carex folliculata* L.

6862 *Juncus effusus*
11/ at beaver pond in wet soil ditto
var. solutus Fern. & Mieg.

6863 *Galium*
11/ In damp brushy woods at
beaver pond. ditto

6864 *Scirpus atrovirens* Fern.
11/ with # 6862 ditto
(wet soil)

6865 *Carex debilis* var. Rudgei Bailey
12/ with # 6862 ditto
(wet soil at beaver pond)

6866 *Carex Baileyi* Britt
15/ one clump; with # 6865 ditto

Mass
At spring in heavy woods on
6867 slope of Brown Mt.,
Trucker Co.; July 2, 1939
H.A. Allard.
Anomodon attenuatus (Hedw.) Huebner.

6868 Mass
|| with # 6867 ditto.
Thuidium delicatulum (Hedw.) Mitt.

6869 Veronica americana Schreb.
|| on hook bank near beaver dam. ditto

6870 Galium
|| in moist woods (second growth) near beaver dam. ditto

6871 Mass
|| On log near 6867 ditto
Hypnum imponens Hedw.

6872 Lycopodium
|| In cinders of old lumber rail road at beaver dam. ditto

6873 Mass
|| In heavy woods above Cooper's Cabin near # 6867 ditto.
Dicranum fuscescens Turn.

Mass In Canaan valley
In woods above east of Davis, West Va. 16-8
Cooper's Cabin on miles, between Brown
6874 slope of and Cabin Mts.; July 2, 1939
Trucker Co.; H.A. Allard.
|| Brown Mt., near # 6867
Mnium medium Bry. Eur.
plus Brachythecium oxycladon (Brid.) J.P.S.

6875 Mass
|| In same woods near # 6874 ditto
Brachythecium risulare Bry. Eur.

6876 Carex scabrata Schreb.
|| On wooded slope of Brown Mt., ditto
above Cooper's Cabin at spring.

6877 Galium
|| with # 6876 ditto

6878 Henckera
|| In woods with # 6876 ditto

6879 Carex scabrata Schreb.
|| In woods with # 6876 ditto

6880 Gramin. al
|| At spring above Cooper's Cabin with # 6876.

Allium tricoccum In Canaan Valley,
east of Davis, West Va.
(ramps) 6-8 miles; Tucker Co.
between Brown and Cabin mts.
6881 In moist heavy July 2, 1939
(2) woods on slopes H.A. Allard.
of Brown Mt.;
very abundant; no leafage; just in bloom
(see notes of trip: clumps with 25-
39 bulbs.)

6882 *Carex intumescens* Rudge
(2) In woods at spring above
Cooper's Camp on slope of Brown Mt. ditto

6883 *Gramineae*
(2) on ridge of Brown Mt. above
Cooper's Camp in heavy woods. ditto

6884 *Carex radiata* (Wahlb.) Deney
(1) at spring on Brown Mt. slope
above Cooper's Camp, in woods. ditto

6885 Moss
(1) on log at spring above Cooper's
camp near #6884 ditto

6886 Moss
(1) on rock in water at
at spring brook above Cooper's
camp near #6885 ditto

6887 Moss = *Brotherella recurvans* (N.) K. Sch.
(1) with #6886 ditto

* 6887a. with 6886
= *Brachythecium rivulare* Bry. Eur. ditto

Allium tricoccum In Canaan Valley
east of Davis, West Va. 7-8 miles
between Brown and Cabin mts.
at head waters of Blackwater river.
Tucker Co.; July 2, 1939
H.A. Allard.
with #6881
6888
(2)

6889 *Carex laxiflora* (L.) (too old)
(2) In dense woods ♂ ditto
near #6881

6890 *Carex communis* Bailey
(1) near #6881 ditto

6891 *Carex intumescens* Rudge
(2) In rich woods with #6881 ditto

6892 *Carex communis* Bailey
(4) On slope of Brown Mt. in
dense woods with #6881 ditto

6893 *Carex intumescens* Rudge
(1) with #6881 ditto

6894 *Mitchella repens*
(1) with #6881
(full bloom) ditto

Carex leptomeria Torr. In Canaan valley
(new to West Va.) east of Davis, West Va., 7-8
miles, between Brown
and Cabin Mts. Tucker Co
6895 In dense woods on July 2, 1939. H.A. Allard.
141 slope Brown Mt. at head waters of Blackwater
above Loftis Cabin.

6895A = *Carex intumescens* Rudge.

6896 *Cyperus Scirpus atrovirens* Muhl.

(1) Beyond Beaver dam
in red soil

ditto

6897 *Gramineae*

(3) wet marsh beyond Beaver dam
abundant in swamps here
purplish panicles; atherine.

ditto

6898 *Carex scariosa* Schk.

(1) In red soil beyond
Beaver dam near # 6897

ditto

6899 *Cyperus Scirpus atrovirens* Torr.

(2) In swamp with # 6897

ditto

6900 *Cyperus Scirpus atrovirens* Muhl.

(1) In swamp with # 6897

ditto

6901 *Carex scariosa* Schk.

(4) with # 6897

ditto

Cyperus Scirpus atrovirens Torr. In Canaan valley
east of Davis, West Va., 7-8 miles
between Brown & Cabin Mts.,
Tucker Co
6902 In swamp at beaver dam. July 2, 1939. H.A. Allard.

6903 *Pitca prostratum* L'Hér.
(1) (bunch abundant, fr. red)

on rocks and ridges
near beaver dam.

ditto

6904 *Hieracium aurantiacum* L.

(1) In swamp and pastures
at end of passable road
before beaver dam is reached.
Full bloom: very abundant.

ditto

6905 *Carex scariosa* Schk.

(1) In swamp near 6902

ditto

6906 *Polemonium van-bruntiae* Britton
fl. blue.

(3) In damp soil near
beaver dam, in
thicket: fl. blue: showy

ditto

6907 *Carex depilis* var. *rudgeri* Bailey

(3) In swamp near beaver dam

ditto

6908 *Carex folliculata* L.

(4) In swamp near # 6907

ditto

Gramineae
In swamp
at end of
hassable
6909 (1) road at
beaver dam.
In Canaan valley
end of Davis, West Va., 7-8 miles
between Brown & Cabin mts.,
Trucker Co., July 2, 1939
H.A. Allard. At head waters of
Blackwater river. An immense
swampy area, low, cut over
spruce area.

6910 *Lycopodium clavatum* L ditto
(1) on drier bank near beaver
pond in thickets - below it 2 miles

6911 *Lycopodium obscurum* L ditto
(1) Near # 6910

6912 *Lycopodium annotinum* L ditto
(1) Near # 6910

6913 *Carex hummescens* (Pers.) Poir. Alt 4860 ft.
(1) at boulders at Pendleton County, July 3, 1939
top? in pasture. H.A. Allard

6914 *Carex intrumescens* Rudge ditto
(2) with # 6913

6915 *Carex hummescens* (Pers.) Poir. ditto
(6) with # 6913

Carex depilis var. *randgei* T. of Spruce Knob,
at conglomerate boulders at top, Pendleton Co., West Va.
6916 (2) in pasture July 3, 1939. alt 4860
H.A. Allard
Bailey.

6917 *Carex intrumescens* Rudge. ditto
(2) with # 6916

6918 *Carex stipitata* Muhl. ditto
(1) in pasture near # 6916

6919 *Oxalis acetosella* ditto
(1) in woods on trail near top:
abundant, full flower.

6920 *Phlox paniculata* L ditto
(1) in thicket on trail from parking
near; showy; fl. deep rose.

6921 *Anemone maculatum* L ditto
(1) near # 6920 in thicket
fl. blue

6922 *Asplenium platyneuron* (L.) Oakes
(1) on ledges near River Knobs,
between the vertical walls. near Crippleville, West Va.
Pendleton Co.
July 3, 1939
H.A. Allard.

Paronychia angustifolia (Michx.) Nutt. Nelson Rocks, near
Circleville, West Va., on the
River Knobs, where are vertical
Medina sandstone walls
July 3, 1939. Pendleton Co.
H.A. Allard.
on top of
6923 pinnacle
of vertical
walls here,

6924 Moss
in rocks crevices at top
near 3000 ft
= *Gymnostomum recurvirostrum* Hedw.
ditto

6925 *Carex foenea* Willd.
near top of vertical Medina
walls at base of mks; rare here.
ditto

6926 *Lycopodium obscurum* L.
among rocks
around top.
alt. =
Dolly Sods Lookout,
near Petersburg,
Pendleton Co., West Va.
July 3, 1939
H.A. Allard

6927 *Lycopodium obscurum*
near ~~Pendleton Co.~~
ditto
near # 6926

6928 *Juncus macrocarpa* (Wieg.) Hermann
s. anthelatus (Wieg.) Hermann
roadside, by
spring.
at Lost River,
West Va.,
roadside,
July 3, 1939
H.A. Allard

6929 *Ceanothus maculosa* Lam.
Roadside; very
abundant; also very
abundant at Strasburg
bl. pink-rose; just in bloom.
Near Marshall, Va.
Fauquier Co.
July 3, 1939
H.A. Allard.

Carex vesicaria L.
In damp soil around
S. end lake;
very common.
Large clumps.
Lake Matagamon, Maine
Tanglefoot, Range 8,
west of Patten 30-35 miles
July 8, 1939
H.A. Allard

6931 *Carex arctata* Boott.
Near # 6930; same habitat.
ditto

6932 *Carex tribuloides* Wahl.
Near # 6930; same habitat.
ditto

6933 *Carex cranfordii* Fern.
with # 6930
ditto

6934 *Carex cranfordii* Fern.
with # 6930
ditto

6935 *Carex bettarii* Olney
with # 6930
cranfordii Fern
ditto

6936 *Carex cranfordii* Fern.
with # 6930
ditto

Carex purfordii Fern. Lake Matagamon Maine
South end near Township 6, Range 8
6937 *Festuca* (guide) west of Patten 35-40 miles
" where we parked. July 8, 1939
H.A. Allard.

6938 *Carex lenticularis* Michx.
13) with * 6937

6939 *Spergula arvensis* L. Near Lincoln, Maine
12) In waste ground Lincoln Township
around tourist (on road to Patten)
cabin July 8, 1939
H.A. Allard

6940 *Potamogeton gramineus*
" water plant ditto
" attached to rocks usually in cays Muencher
water 3 ft deep opposite Ranger's
cabin we stayed in on Anchor Point.

6941 Moss
" on rocks at top. Horse Mt., called by
natives, Horse's Ass Mt.,
at South end of Lake Matagamon
Township 6 - Range 8. July 9, 1939
H.A. Allard.

6942 *Fragaria vesca* L. var. *americana* Parter
" on cliffs at top of Horse Mt., ditto
just ripe: fruit elongate. Doesn't look
like the Virginia wild strawberries.

6943 *Arabis hypocarpa* Hopkins ditto
" on top of Horse Mt.

Potentilla ^{monspeliensis} felix Harze Mt., Maine.
South end of Lake Matagamon,
Township 6, Range 8
6944 July 9, 1939.
H.A. Allard.
" on slide near base of vertical east cliffs.

6945 *Campanula rotundifolia* L. ditto
" on rocks, well up on slide and
out of just coming into flower; blue.
var. *intercedens* (Witasek) Fern.

6946 *Carex humescens* (Pers.) Poir. ditto
" on rocks at top, thin soil,
little herbage.

6947 *Hieracium ^{vulgatum} ~~monspeliensis~~* Fries. ditto
" In fern thickets at head of
ravine I climbed
only occasional at base. Found it
abundant on top of North Traveller,
Horse etc in places: leaves
mottled; sometimes not.

6948 *Kalmia angustifolia* L. ditto
" abundant at top, making thick
thickets with low lying blue berry ch:
full bloom

6949 *Sphagnum* ditto
" In low swards - collecting
surface at top.

6950 *Lycopodium clavatum* L. ditto
" In woods everywhere, and
at top: abundant.

Campanula rotundifolia L., Horse Mt., by people here known as Horses Mt.
(on rocks, ledges maine, south end of Lake
etc at top. Matagamon Township Range 8
6951 very abundant July 9, 1939. H.A. Allard.
(1) in shade; bluish blue; full bloom about
July 20: just in bloom today.
var. *intercedens* (Witasek) Fernald.

6952 *Erigeron philadelphicus* L.
(1) In open rocky woods east slope
middle; not abundant here; full
bloom; very attractive. ditto

6953 *Lycopodium anolimum* L. ditto
(1) In woods east slope and below
opposite camp.

6954 *Lycopodium clavatum* L. ditto
(2) In woods at base; abundant.

6955 *Linnaea borealis* var. *americana* (Torrey) Peck ditto
(1) In thickets east slope; passing.

6956 Water plant - fine, rounded
(1) leaves: in Lake Matagamon, 4 ft
deep near shore, at Anchor Point. ditto

6957 *Carex arcta* Booth ditto
(2) South end of Matagamon Lake
just east of our camp in Anchor Point
towards guide Hester's camp.

Carex projecta Muhl. Horse Mt., Maine
In low ground south end of Lake Matagamon
east of Cabin and Hester's July 9, 1939. H.A. Allard.
6958 beside lake northern Penobscot Co.
(1) Matagamon: abundant.

6959 *Lycopodium clavatum* L. ditto
(1) In thickets and woods; abundant.

6960 *Lycopodium tristachyum* Pursh ditto
(2) woods: common.
Top of mountain

6961 Gramineae ditto
(1) In thin rocky soil on top
of Horse Mt.
= *Agrostis hiemalis* (Walt.) B.S.P.

6962 *Potentilla tridentata* Ait. ditto
(1) on barrens on top of Mt.
very abundant; full bloom.

6963 *Chiogenes hispidula* (L.) T. & G. ditto
(1) on rocks on top: shrubby vine
not in flower

6964 *Santellaria galericulata* L. ditto
(1) In damp soil east of
cabin (Anchor Point) and Hester's
abundant here.

Finagaria
on diffe at top.
6965
Top of Horse Mt., Maine
Township 6, Range 8
South of Lake Matagamon,
July 9, 1939. H.A. Allard.

(1) *F. vesca* L. var. *americana* Porter.

6966 *Asterium trichomanes* L.
(1) on diffe at top. th ditto

6967 *Woodsia ilvensis* (L.) R Br.
(2) on talus od where cell of od
exposed. ditto

6968 *Chenopodium*
(1) on soil of upper talus slope, east. ditto
= *C. gigantospermum* Allen.

6969 *Brassicaceae* = *Arabis drummondii* A. Gray.
(1) near top on cliffs ditto
fl. bluish white

6970 *Gramineae*
(1) Foot of talus slope ditto
= *Agropyron repens* (L.) Beauv.

6971 *Hieracium vulgatum* Fr.
(2) In open birch, tuffe woods ditto
east of road where has stayed
basal leaves not matted perhaps
because in shade. Usually grows
high up on the mountains here.

Juncus filiformis L. Sutherland Lake Matagamon,
In wet soil near Lake Townsh. Range 8
margin
6972 (abundant)
(2)
July 9, 1939
H.A. Allard.

6973 *Ranunculus flammula*
var. *reptans* (L.) Mey.
In wet soil od mud on the lake
margin: very abundant, full flower.
H. Silliman, Trinity. says Mnemosyne,
of Cornell.

6974 *Carex crinita* Lam.
(1) Near # 6973; damp soil on
lake's margin. ditto

6975 *Galium polytrichum* L.
(1) on low ground with # 6973 ditto
fruit in cross section
= *G. trictorum* L. = *humate*.

6976 *Carex trichomanis* Booth.
(2) Near # 6973 ditto

6977 *Veronica scutellata* L.
(2) with # 6973: fl purplish:
very abundant. ditto

6978 *Carex cranfordii* Fern.
(2) In damp soil with # 6973 ditto

Carex *arcta* Boott. South end of Lake Matagamon,
Maine. July 9, 1939
In damp soil Township 6 Range 8
6979 at lake margin H.A. Allard
(2)

6980 *Carex* *trifurcoides* Wahl.
(2) In damp soil at lake margin ditto
e

6981 *Carex* *lenticularis* Michx.
(2) with # 6980 ditto
e

6982 *Brassicaceae* ditto
(1) Near # 6980
fl. yellow.

Rorippa *inlandica* (Wider.) Borbas var. *hispida* (Dier.) Butters & Abbe.
6983 *Carex* *retrofracta* Schumacher ditto
(1) Near # 6980 e

6984 *Lycopodium* *claratum* L ditto
(1) In woods here fairly rare.

6985 *Carex* *arcta* Boott. ditto
(1) Near # 6980 e

Carex *lenticularis* Michx. South end of Lake Matagamon,
Maine, Township 6 Range 8
July 10, 1939. H.A. Allard

6986
(1) In damp soil on lake
margin in large clumps:
abundant e

6987 *Carex* *retrofracta* Schumacher.
(1) Near # 6986. e ditto

6988 *Carex* *vesicaria* L.
(3) In large clumps: with # 6986: ditto
abundant e

6989 ~~*Carex*~~ *juvencus* Mauer ditto
(1) with # 6986 f. *williamsii* (Tern.) Hermann e

6990 *Lygula* *multiflora* (Ehrh.) Lejeune ditto
(1) aff. *areolaris* Lejeune.
with # 6986 e

6991 *juvencus* Mauer S. F. Gray, ditto
(2) with # 6986 e

6992 *Ranunculus* *penesylvanicus* L. f. ditto
(1) Near # 6986 date July 13

Patentilla palustris (L.) Torr. & Gray
South end of Lake Matagamon
Township 6 Range 8
July 13, 1939
6993 In bog south of lake
(2) bl. purplish.

6994 *Peltigera*
(1) (lichen)

In damp ravine
east slope.

Horse Mt., Maine
South end of Lake Matagamon,
Township 6 Range 8
July 13, 1939
H.A. Allard

6995 *Carex prostrata* Michx.

(1) Road side, damp soil foot of
east slope

ditto

e

6996 *Saxifraga atrocinctus* Fern
(2) In bog near # 6993

ditto

e

6997 *Gramineae*

(1) Top of mountain in hollow
with damp soil and sphagnum

ditto

Calamagrostis canadensis (Michx.) Beauv.

6998 *Saxifraga spicata* (L.) Beauv.

(1) Thin soil at foot of mt.,
beyond ravine I climbed

ditto

6999 *Gramineae*

(2) on top of mountain near # 6998.

: *Poa flava* Vahl.

Andromeda glaucophylla Link.
In bog near Stacyville, July 14, 1939
7000 in Stacyville Plantation.
(1) E. W. Scribner

7001 *Juncus filiformis* L. Matagamon Lake, Maine
Township 6 Range 8
July 14, 1939
(3) on beach on ledge island, a
small island near
the ranger's cabin at Anchor Point
H.A. Allard

7002 *Pyrola secunda* L. on trail to Billfish Pond,
Maine, Township 6, Range 8
(2) In moist woods. July 14, 1939
H.A. Allard

7003 *Lycopodium annotinum* L.
(1) In moist woods by trail

ditto

7004 *Linnaea borealis*
var. *americana* (Torrey) Rehd.
(1) near 7002

ditto

7005 *Cirsium ~~arvense~~ muticum* Michx.
(1) var. waste ground.

South end of
Lake Matagamon,
near Ranger cabin
and Truster's
July 14, 1939
H.A. Allard

7006 *Carex aleutica* Jaeg. var. *stricta* (L.)
(2) Near # 7005 - base of
marked car near Truster's cabin Fern.

7020 Sanicula marilandica L.,
(21) waste ground. ditto

Oenothera parviflora L. South end of Matagamon
Lake, Maine
In thicket by East Branch below old dam
7021 of Penobscot. Township 6 Range 8
July 18, 1939
H.A. Allard
Full flower
= *O. tetragona* Roth. var. *longistipata* (H.A. Allard)
aleppicum Jacq. var. (Pennell) Munz.

7022 *Cornus stricta* (Ait.) Fern. ditto
(5) In low ground thickets below
dam: fl. yellow; receptacle
white hairy

7023 *Aster ~~canadensis~~ helgii* L. North Traxeller Mt.,
Maine, July 19, 1939
H.A. Allard
= Township 5 Range 9
Porter Peapack
Madula Ait.
just in flower at
waterfall: violet rays.

7024 *Carex flacca* L. ditto
(1) at waterfall near # 7023
In water and mud here on cliffs.

7025 *Solidago autleri* Fernald ditto
(3) on crest of mountain where little
other vegetation - an open formation:
just in flower.

7026 *Panicum boreale* Nash.
(1) on gravelly bank of Middle Traxler Pond
at dam-to. July 18, 1939

7027 *Cladonia*?
(1) with # 7026: on rocks.
7-19-39.

Cladonia collitris Charn. North Traxeller Mt.,
Maine
on wet soil at base. Middle Traxler Pond:
waterfall on cliffs. east slope near
7028 very abundant July 19, 1939
(3) here, beautiful. H.A. Allard
= Township 5 Range 9
Porter Peapack
= *Cladonia hudsoniana* (Michx.)

7029 *Cornus canadensis* L. ditto
(2) In orig. spruce forest high up
in ravine, east slope: just in flower
here: with ripe fruit below.

7030 *Phragmites dryopteris* L. ditto
(2) with # 7029: in dense, dark
woods, moist

7031 *Gramineae* ditto
(1) In open woods, east slope below
spruce forest.
= *Cinna latifolia* (Trenk.) Criesb.

7032 *Lycopodium clavatum* L. ditto
(6) In rocky woods half way
to the spruce forest.

7033 C = *C. cristatella* f. *beauvoisii* (Del.)
Mass.

7033 *Lichen* ditto
(1) on soil on rocks
Cladonia?
7033 a = *Cladonia* = *C. gracilis* var. *dilitata* (Hoffm.)
7033 b = *Cladonia* = *C. deformis* f. *beauvoisii* (Del.) Mass.

7034 *Mosses* ditto
(1) on log in spruce forest
in Big Black Ravine.

Lichen
(dusky yellow)

7035 On spruce log
" on top of mt.

North Traveller Mt., Maine
Baxter Beggs
Township 5 Range 9
July 19, 1939
H.A. Allard.

7036 *Lycopodium annotinum* L.

" on top of North Traveller Mt.
in thicket.

ditto

7037 *Sphagnum*

" at water fall far up east slope
with # 7028

ditto

7038 *Gramineae*: *Poa glauca* Vahl.

" on gravelly soil around
exposed cliffs.

ditto

7039 *Arnica montana* Hook.

" at high water fall with
7028: not abundant; full
blown.

ditto

7040 *Gramineae*

" at top of North Traveller in moist
spots around cliffs: very beautiful
Calamagrostis canadensis (Michx.) Beauv.

ditto

7041 *Habenaria dilatata* (Pursh.) A. Gray.

" bl. whitish: growing in moist
soil at water fall high up east slope
of North Traveller with # 7039.

ditto

At confluence of Billfish Brook
water level, and East Branch of Penobscot
River, dark near Matagansett Lake,
Township 6 Range 8,
July 29, 1939. H.A. Allard.

7042

" attached at base.

Spongilla lacustris
(auctorum)

(out of order in date
by mistake).

7043

Juncus macrosporus at south end of Matagansett
Lake. Township 6 Range 8
S.F. Gray. July 12, 1939. H.A. Allard.
In wet soil in
plate between camp and Foster's
(out of date order by
mistake)

7044 *Hieracium vulgatum* Turcz.

" In woods on ridges toward
Horse Mt. from our camp.

ditto ditto

7045

Solidago hispida at Middle Fowler Pond
(2) near Traveller Mt.,
randii (Pursh) July 18, 1939
on rocky banks. H.A. Allard
Township 5 Range 9

7046 *Thalictrum polygamum* Muhl.

" Near # 7045 - damp soil /

Says M. nurecher

ditto

7047 *Juncus baccandatus* (Engelm.)

" on wet shore of pond.

ditto
Hern.

7048

Lycopodium americanum Muhl.

" Near # 7045: abundant.

ditto

Juncea
 In red soil on
 7049 shore
 Middle Towler Pond,
 Maine, at foot of
 North Traveller Mt.
 Township 5 Range 9
 July 18, 1939
 H.A. Allard
J. brevicandatus (Engelm.) Fern.

7050 *Panicum boreale* Nash,
 seeds glistering white
 on bank near leanto.
 ditto

7051 *Antennaria canadensis* Muhl.
 on bank at leanto.
 ditto

7052 *Carex lenticularis* Michx.
 on bank near # 7051
 same
 M. newsholme,
 Cornell,
 ditto

7053 *Carex cryptolepis* Mack.
 on shore of pond near # 7051
 ditto

7054 *Polygonum amplifolium* L. on shore (Loag)
 Island, in
 Lake Matagamon, Maine
 July 21, 1939
 H.A. Allard.
 formerly known as Long Island, perhaps
 has 60 acres in woods; Thoreau
 camped here. T 6 Range 8
 # 1) In mud & water
 (7) full bloom: bloss. deep
 rose. Thoreau Island

7055 *Carex laxida* Wahl.
 on rocky shore
 ditto

Rutus
 fruit bright red when
 ripe. Pleasant.
 7056 In woods.
 R. pubescens Raf.
 Thoreau Island,
 Lake Matagamon, Maine
 July 21, 1939
 H.A. Allard.
 Township 6 Range 8

7057 *Galium asprellum* Michx.
 on rocky soil on beach.
 ditto

7058 *Moss*
 on rock on beach.
 Leaf tips white, harsher like.
 (Very pretty species.)
 ditto

7059 *Asopogon subsecundum* (Link.) Hitch.
 (Gramineae)
 on rocky beach & on cliffs.
 ditto

7060 *Urtica ulmifolia* (L.) R. Br.
 on cliffs: abundant here.
 ditto

7061 *Rumex crispus* L. f.
 on rocky bank.
 ditto

7062 *Acer rubrum* L.
 In woods: abundant.
 ditto

Acorus
androsaceifolius L. ^{Therac Island}
Lake Matagamon, Maine
Township 6 Range 8
7063 abundant on July 21, 1939
" beach: capsule H. G. Allard
in Maine: full flower.

7064 *Salix cordata* Muhl.
" Sandy soil, on beach: many triple
inflorescent

7065 Gramineae.
" On rocks on beach
Purple panicles: atheris
= *Poa palustris* L.

7066 *Salix cordata* Muhl.
" on beach: abundant

7067 *Carex crassifolia* Fern.
" on beach

7068 *Salix pellita* Anders.
" On beach: dense white silicles
beneath

7069 *Asclepias incarnata* L.
" Large colony on south beach.
full flower: very showy with deep
red fl.

Runnel
on beach.
7070
" *R. buthanica* L. possibly, but sterile
says Muenchener.

7071 Brassicaceae ditto
" On beach near # 7070
fl. yellow.
= *Rorippa islandica* (Oeder) Barboz var. *hispidula* (Desv.)
Bentzen & others.
7072 *Arctostaphylos uva-ursi* L. spring ditto
" on rocky beach.

7073 Gramineae ditto
" (3) on beach - scattered -
narrow, slender spikes, like timothy.
= *Alopecurus aequalis* Sobol.

7074 *Anaphalis margaritacea* ditto
" on beach: abundant: just in flower

7075 *Phyopteris polypodioides* Fee ditto
" In woods.

7076 *Galium tinctorium* L. ditto
" On beach:

Vaccinium canadense Kalm. On Thoreau Island,
In woods: abundant
7077 fr. ripening. T 6 R 8
July 21, 1939
H.A. Allard

7078 ~~*Antennaria*~~ *var. minor* (L.) Shreve
In woods: fruit ripening.
Vaccinium vitis-idaea L.

7079 *Carex tuckermanni* Benth.
(2) on beach: clumps: abundant.

7080 *Scutellaria galericulata* L.
(2) On beach:

7081 *Hypericum virginicum* L.
On beach:
(plants almost crimson throughout)

7082 *Carex cranfordii* Fernald
On beach

7083 *Sium acutifolium* L.
On beach: sparse plant.
fl. white.

Aster ericoides ?

7084 On beach
(2)

= *A. tradescanti* L. says Blake, S.F.

7085 *Brassicaceae*
On beach

Cardamine parviflora L. var. *arenicola* (Britt.)
O.E. Schulz.

7086 *Lysimachia terrestris* (L.) B.S.P.
(1)

On beach, damp soil.
very showy in dense areas.

7087 *Adiantum alpestre*

On wooded banks.
(777) In bushes.

7088 *Carex haydenii* Sney
On beach

7089 *Carex lenticularis* Michx.
Near # 7088

7090 *Juniperus communis*
var. *depressa* Pursh.
(1) on rocky banks.

On Thoreau Island
Lake Umbagog, Maine
T 6 R 8
July 21, 1939
H.A. Allard

Arctostaphylos uva-ursi L. On Thoreau Island,
Lake Umbagog, Maine
7091 on rocky bank. T6 - Range 8, July 21, 1939
H.A. Allard.

7092 *Juncus filiformis* L.
" on bank: abundant

ditto

7093 *Carex crassifolia* Torr.
" on bank

ditto

7094 *Carex crassifolia* Torr.
" on bank

ditto

7095 *Scutellaria glandulata* L.
" on bank

ditto

7096 *Sisyrinchium atrovirens* Torr.
" on bank

ditto

7097 *Cornus stolonifera* Michx.
" on shore *racemosa* L.

ditto

Aster amurensis L.

On Thoreau Island,
Lake Umbagog, Maine

7098 on rocky shore, T6 R 8
just in flower. July 21, 1939
H.A. Allard.

(4) = *A. tradescanti* L. says S.F. Blake.

7099 *Epilobium coloratum* L. ditto
" on bank
= *E. glandulosum* Lehm. var. *adenocaulon*
(Hauke) Torr.

7100 *Campanula rotundifolia* L. ditto
" on rock.
var. *intercedens* (Watsch.) Torr.

7101 *Hypericum virginicum* L. var. ditto
" on bank: plants red. *fraseri* (Spach.) Torr.

7102 *Mentha arvensis* L.
" on bank

ditto

7103 *Sium cicutaefolium* L.
" on bank = *S. suave* Walt.

ditto

7104 *Potentilla monspeliensis* L. ditto
" on bank

Myrica latifolia (L.) Pers. ^{in Thoreau Island}
In Lake Matagamon, Maine,
T 6 R 8, July 21, 1939
H.G. Allard
7105 on bank.
Full bloom
(1)

marsh.
7106 *Rosa palustris* ^{junction of Millfish Brook}
^{with East Branch of Penobscot,}
Maine, near Lake Matagamon
T 6 R 8, July 22, 1939
H.G. Allard
(3) In swamp:
full bloom

7107 *Myrica gale* L.
(1) In swamp.

7108 *Scirpus atrovirens* Fern.
(1) In swamp with # 7107

7109 *Salicaria undulata* (L.) Link.
(5) In mud along brook

7110 *Carex cryptolepis* Mack.
(10) In red soil by brook
(10)

7111 Gramineae
(1) In moist soil along brook
= *Calamagrostis canadensis* (Michx.) Beauv.

Carex arifolia Boott.
red soil by brook.
7112
(1)
^{junction of Millfish Brook}
^{with East Branch of Penobscot,}
Maine, near Lake
Matagamon, July 22, 1939
T 6 R 8. H.G. Allard

7113 *Myrica gale* L.
(1) In swamp

7113A = *Populus tremuloides* Mill.

7114 *Eleocharis verticillata* L. Gray.
(1) In swamp with # 7113

7115 Gramineae
(1) In low ground near # 7113.

= *Glyceria canadensis* (Michx.) Trin.

7116 *Scirpus atrovirens* Fern.
(1) In swamp near # 7113

7117 *Eleocharis palustris* (L.) R. & S.
(3) In mud & water by brook

7118 Ribbon-like water plant
(1) attached to bottom in water
2-3 ft deep.
Potamogeton zosterifolius Raf. says *Myriophyllum*

7119 Floating plant with small white fl., ~~at junction of~~ Bullfish Brook
leaves linear, whorled. attached below whorled in with East Branch
brook of Penobscot, Maine
South of Lake Matagamon,
T. 6 R. 8. July 22, 1939
H. A. Allard.

7120 (1) water plant attached to bottom,
floating above, but not on surface ditto
in water several ft deep.
= Potamogeton gramineus L. var.
says Mnemchen.

7121 Betula alba, South end of Lake Matagamon,
(1) var. papyrifera Marsh. Maine
at our cabin (range is on Anchor Point)
(more white bark.)

7122 Carex pennsylvanica Lamour.
(1) Smutted. Idet by T. J. Hermann
about 5 miles down East Branch of
Penobscot River, Maine, south of Lake
Matagamon, T. 6 R. 8, July 23, 1939
H. A. Allard.

7123 Lobelia inflata L.
(1) Near # 7122 in grassy clearing ditto
with Mt. Magee looking of west.

7124 Thuja occidentalis L. on Lake Matagamon,
(1) Dwarfed to 2-3 ft Maine, south end.
on Anchor Point. T. 6 R. 8. July 23, 1939
near warden's cabin. H. A. Allard.
cherise a tree.

7125 Pinus resinosa Ait.
(3) at cabin on Anchor Point ditto
very rocky, sterile & several fl.
trees here. May several appearance
of P. rigida, ie long cones etc.

Pinus banksiana Lamb South end of Lake
at warden cabin on Matagamon, Maine,
T. 6 R. 8
7126 Anchor Point: several good July 23, 1939
trees here: here appearance of H. A. Allard.
P. virginiana of south.

7127 Habenaria psychodes (L.) Spreng.
(3) along River near # 7122 H. A. Allard.
and # 7123: fl. deep rose. same date
full bloom or wing into July 23.

7128 Cornus stolonifera South end of Lake
(1) var. racemosa Lam. Matagamon, T. 6 R. 8.
at warden cabin: July 25, 1939
H. A. Allard.
in low flat just east of Anchor Point.
fruit thick lead to white.

7129 Salix lucida Muhl.
(1) with # 7128 ditto

7130 Salix cordata Muhl.
(3) Near # 7128 ditto

7131 Salix ~~prostrata~~ ^{hebbiana Sarg. = Coret} ~~Richardsoni~~
(2) Near # 7128 ditto
rest of cabin has been seen
seen at end of islet.

7132 Gramineae South of Lake Matagamon
(1) Fred Low ground on right bank of East Branch
of Penobscot (down)
near Walker's camp T. 6 R. 8; July 25, 1939
H. A. Allard.
= Cinna latifolia (Trin.) Gussb.

Mimulus ringens L. South end of Matagamon Lake, Maine, T6 R8
July 25, 1939. H.A. Allard.

7133 Low ground east of Anchor Point
(2) here ranger cabin stands. Toward
Traster's camp. → E

7134 Shiraea latifolia (Walt.) Borkh
(2) near # 7133
(Full bloom) ditto

7135 Veronica scutellata L.
(3) In red soil east of cabin in
blaze here ditto

7136 Galium ~~palustre~~ ^{tinctorium} L.
(2) In low ground east of ranger
cabin, near # 7133 ditto

7137 Mentha arvensis L.
(2) Near # 7133
(damp soil) ditto

7138 Scilla ~~scutellata~~ ^{maritima} Schreb.
(1) near # 7133, S. square wall. ditto

7139 Lobelia ~~inflata~~ ^{spicata} L.
(1) Near # 7133 = L. inflata L.
Long ground. says McVaugh who
ident. all Lobelia. ditto

Lycopodium americanum South end of Lake Matagamon,
Maine, T6 R8
July 25, 1939. H.A. Allard.

7140 I low ground east of cabin
(2) between it and Traster's
abundant: full bloom.

7141 Lysimachia terrestris (L.) B.S.P.
(2) Low, ground, open, very
beautiful: near # 7140.
Very abundant, yellowing its leaves. ditto

7142 Mentha arvensis L.
(2) Herbs in leafy pile
with # 7141 ditto

7143 Ranunculus pennsylvanicus L.f.
(2) with # 7141: abundant - edge of
thicket here. ditto

7144 Saxifraga atrocinctus Torr.
(1) with # 7141 ditto

7145 Scutellaria galericulata L.
(1) In open low ground with
7141: abundant. ditto

7146 Plantago ~~media~~ ^{major} L. says M. Mencher.
(4) In low, open ground
around lake shore here
with # 7141: abundant. ditto

Alopecurus aequalis South end of Lake Matagamon,
Maine T6 R 8,
July 25, 1939

7147 In red soil near water's edge
(2) at south end of lake between warden's cabin
and Foster's (halfhead guide)
just in bloom. H.A. Allard

7148 *Hypericum virginicum* L. ditto
(1) Plants red: in damp soil
with # 7147 July 25

7149 *Bromus ciliatus* L. ditto
(3) In same low meadow with # 7147 July 25

7150 *Cornus stolonifera* Michx. ditto
(2) In low ground with # 7147 Date July 26
(fruit whitish, hake)

7151 *Viburnum cassinoides* L. ditto
(2) Near # 7147 July 26, 1939

7152 *Heracleum lanatum* Michx. ditto
(1) Leaves of fruit of same plant
(waste ground where we parked
car; near old dam at
Foster's (halfhead guide))

7153 *Lactuca canadensis* L. var. *integrifolia* (Bigel.) A. Gray. ditto
(1) var. *montana* Britton
with # 7152: abundant;
full bloom.
L. canadensis L. var. *integrifolia* (Bigel.) A. Gray.

Lactuca canadensis L. South end of Lake Matagamon,
Maine T6 R 8,
July 26, 1939

7154 (at car where we parked near old dam
(1) near Foster's (halfhead guide))
var. *integrifolia* (Bigel.) A. Gray. ditto
fl. yellow: very abundant on
roadside etc. just in bloom.

7155 *Lactuca spicata* (Lam.) Hitch. ditto
(1) fl. & leaves of same plant.
fl. blue, with # 7154
abundant on roadside; just
in mid bloom

7156 *Lactuca canadensis* L. ditto
(1) Leaves & flowers of one plant:
fl. blue 7155
same sp. as # 7155

7157 *Labiatae* ditto
(1) Near # 7155
Takopsis tetrahit L.

7158 *Lactuca canadensis* L. var. *integrifolia* (Bigel.) A. Gray. ditto
(1) var. *montana* Britton
(with # 7154; same sp.
(one plant; fl. yellow).)

7159 *Sabip lucida* Michx. ditto
(3) Near old dam where we
parked car.
muticum Michx.

7160 *Cirsium arvense* var. *vestitum* (Rim.) & Corab. ditto
(2) Near old dam in waste
ground, with # 7154; very common
everywhere.

~~Galium palustre~~ L. Smith end of Lake
~~tinctorium~~ L. Matagamon, Maine,
near old T6 R 8, July 26, 1939
7161 dam, in low ground, H.A. Allard
(1)

heilita And.
7162 ~~Sahip candida~~ Flügge. ditto
(2) On inlet where bear od cubes
chased me; ie west of warden's cabin
leaves fine lustrous, silky beneath:
very beautiful.

7163 ~~Solidago canadensis~~ L. ditto
(2) with # 7162

7164 ~~Sahip Bebbiana~~ Sargent. ditto
(1) In low ground where bear cubes
ran; very hairy leaves beneath.
sh = 2.

7165 ~~Sahip sericea~~ Marsh. ditto
(1) Leaves flaking in drying.
with # 7162

7166 ~~Scirpus cyperinus~~ (L.) Kunth. ditto
(2) with # 7162
In low ground with ridge just west a
few hundred feet where mother bear od
cubes were disturbed, and turned upon me.

7167 ~~Scirpus atrovirens~~
(2) with # 7166 var. ~~brachypoda~~ Fern. ditto
= dur

~~Galium triflorum~~ L. Smith end of Lake Matagamon,
Maine, T6 R 8,
stems smooth. July 26, 1939
7168 fruit bristly. H.A. Allard.
(2) In woods near where bears
were; west of Anchor Point.

7169 ~~Aster tradescanti~~ L. ditto
(1) fl. white says S.F. Blake.
In low ground.
Near # 7162

7170 Gramineae ditto
(2) In swale just east of warden-cabin
where Dr. Brander dug for earth worms.
ie between the cabin and Master's (half-breed guide)
= Calamagrostis canadensis (Michx.) Beauv.

7171 Gramineae ditto
(1) On dry soil at cabin on Anchor
Point. Agrostis hiemalis (Walt.) B.S.P.

7172 Gramineae ditto
(1) In swale east of Anchor Point -
ie with # 7170
= Poa palustris L.

7173 ~~Sim. cicutaeifolia~~ Schrank ditto
(1) with # 7170
= S. suave Walt.

7174 ~~Scutellaria galericulata~~ L.
(2) with # 7170

Lysimachia terrestris L. South end of Lake
Matagamon, Maine.
T 6 R 8

7175 In swale
between ranger cabin H.A. Allard,
H. and Foster's (half breed guide)
July 26, 1939

7176 *Lycopus americanus* Muhl.

(1) with # 7175

ditto

7177 *Ranunculus pennsylvanicus* L.f.

(7) with # 7175

ditto

7178 *Carex trifurcoides* Vahl.

(2) In low ground near # 7175

ditto

7179 *Mimulus ringens* L.

(1) with # 7175

ditto

7180 *Hypericum ellipticum* Hook.

(1) with # 7175

ditto

7181 *Mentha arvensis* L.

(1) with # 7175

ditto

Cremora

On right bank of
East Branch of Penobscot about
1/2 mile below old dam and
Lake Matagamon. T 6 R 8.

7182

(1) Near Fred Walker's
camp (guide) (out of date order by mistake)
H.A. Allard.
July 25, 1939
Cinna arundinacea L.

7183

(1) Brassicaceae
fl. yellow. Near Walker's camp.
Brassica campestris L.

ditto
out of date order by
mistake: July 25

7184 *Juncus* macro S.F. Gray.

(1)

date
= July 25
ditto

7185

(2) *Saxifraga*
arctica
In woods at foot.
Magee Mt., Maine.
T 5 Range 9,
July 27, 1939.
H.A. Allard.

7186 *Ledum Greenlandicum* Oeder

(2) on wet: capitate stems from base.
Past bloom.

ditto

7187 *Potentilla tridentata* Ait.

(3)

very abundant in bare areas on
top of hill bloom.

ditto

7188

(1) Compound leaves
Near same low slope.
Looks like an *Aralia*.
= *Aralia racemosa* L.

ditto

Alnus crispa (Lit.) Pursh. Magee Mountain, Maine,
T5 R 9. July 27, 1939
H.A. Allard
well of slope, damp soil.
7189
(3)

7190 *Graminac* *Muhlenbergia racemosa* (Michx.) B.S.P.
(2) well of slope among rocks.
ditto

7191 *Salix Bebbiana* Sargent.
(2) Leaves pale, hairy beneath
at foot of Magee Mt. on Magee Brook.
ditto

7192 *Scirpus atrovirens* Muhl. South end of Lake
Matagamon, Maine.
(1) var. *trachypodus* Tern. T6 R 8
min soil July 26, 1939. H.A. Allard.
near base of Mt. Magee. Out of date sequence.
me. (see # 7166 & 7167)
ditto

7193 *Aster acuminatus* Michx.
(1) of Mt. Magee
near top in open ravine
ditto

7194 *Amelanchier alnifolia* (Michx.) Presl.
(2) *bartramiana* (Tuckerm.) Roeck.
in ravine near top.
in green fruit
ditto

7195 shrub on top of Mt. Magee,
(1) in bare areas, dense, prostrate;
bark reddish; leaves small
not common.
= *Vaccinium vitis-idaea* L.
ditto

Populus balsamifera L. Magee Mt., Maine,
toramahiara Mill. T5 R 9.
green top. July 27, 1939
H.A. Allard
7196
(1)

7197 *Solidago cutleri* Fernald
(1) In open soil at atop;
abundant; full bloom.
ditto

atrophypneum Tern. & Wieg.
7198 = *Empetrum nigrum* var. *undulatum*
(3) *Indence prostrata* Michx.
at top in open, gravelly soil
Not common, fruit reddish.
not much taste.
allard.
ditto

7199 *Alisma longipes* E. Coldie?
(2) *Stellaria* like plant.
Back of boulder, damp soil, well
of mountain side = *Stellaria longifolia* Mill.
capitules erect, shining,
nearly black.
ditto

7200 *Epilobium glandulosum* Lehm.
(1) var. *adenocaulon* (Hauke) Tern.
In damp shallow ravine
well of Mt.
ditto

7201 *Citronia islandica*
(5) On top of Mt. in bare, exposed
soil, gravel, etc.; very abundant
finer growth form than var.
material; more compact.
ditto

7202
(3) Lichen
Cladonia?
silvery white; dense masses
very abundant.
ditto

Lichen
7203 on rocks etc.
T5 R 9
July 27, 1939
H.A. Allard.
Sibery gray.

7204 Lichen
on soil near # 7203
Much branched, whitish; Cladonia?
ditto

7205 Cladonia
on soil near # 7203 at top
7205 A - Red lichen on cliffs (shale).
ditto

7206 Peltigera
on rocks at top near # 7203
ditto

7207 Campanula rotundifolia L.
var. intercedens (W. & A.) Fern.
in meadow near top of hill
mit: very abundant, beautiful,
full bloom, fairly blushing the leaves here.
ditto

7208 Antennaria vulgaris L.
in waste ground.
Medway, Maine
July 28, 1939
H.A. Allard.
Penobscot Co.

7209 Ericophorum
in Kelley Bog in Penobscot Co.
Siberia road
July 28, 1939
H.A. Allard.
viridicarinatum Fern.

Valeriana uliginosa
Near Staceyville, Maine,
Penobscot Co.,
in Kelley Bog, on
Siberia road. July 28, 1939
H.A. Allard.
under ~~bar~~ vital, spruce etc.
a coniferous bog.

7211 Carex paupercula Michx.
with # 7210
ditto

7212 viney; rounded leaves with
a few teeth: no fl. or fruit
in bog with 7210.
Linnæa borealis L. var. americana (Pursh) Rehder.
ditto

7213 Carex leptalea Wahl.
fine, delicate species
with # 7210
ditto

aleppicum Jacq. var.
7214 Geum strictum (Ait.) Fern.
fl. yellow.
with # 7210; full bloom.
ditto

7215 Carya glabra (Mill.) Sweet
On edge of woods above
high ~~proceed~~ field
here denuded quadrat was
made.
Bull Run Mt. Va
South of Hagerell Gap
Aug. 6, 1939
H.A. Allard.
Franklin Co.

7216 Carya glabra (Mill.) Sweet
On brook from Riley's Spring
where all the Cedars are in old field.
where yellow violate green.
ditto

Carya cordiformis (Wang) Bull Run Mt., Va.
South of Hagerell Gap.
August 6, 1939

7217 Edge of thicket K. Koch. H.A. Allard
(4) in field near where rare Black gum
fungus was found, ed. running N & S.
toward bare areas. e

7218 *Liriodendron tulipifera* L.
(4) Edge of woods at top of high brownedge
field beyond denuded quadrat. ditto e

7219 *Quercus palustris* Muench
(2) Beside # 7217 ditto e

7220 *Carya alba* (L.) K. Koch
(4) Growing near # 7218 -
where heavy woods begin ditto e

7221 *Mentha spicata* L.
(4) In small S. of Hagerell Gap
just west of Hagerell to Broad Run highway
near Black walnut grove & old cabin
; abundant here. ditto e

7222 *Hypericum multilobus* L.
(2) In same low ground area
with # 7221: ditto e

7223 *Eragrostis spectabilis* (Pursh) Steud
(2) Perennial.
In bare soil area S. of Hagerell Gap
soil being studied in pots at Arlington, Va. ditto e

Sabatia angularis (L.) Pursh Bull Run Mt., Va.
S. of Hagerell Gap
In old field west of shore
7224 diseased Black gum on road ditto
(2) Soil August 6, 1939
Full bloom; deliciously
fragrant; abundant; showing here. e
H.A. Allard
Fannin Co

7225 *Spiranthes gracilis* (Bigel.) Beck
(1) In old brownedge field
just beyond diseased Black gum ditto e
near # 7224

7226 ~~*Helianthus*~~ ~~*terrestris*~~ L.
(3) Edge of ditch near # 7224 ditto
Silphium trifoliatum L. e

7227 *Cassia micrantha* L.
(1) (fl. small) In old brownedge
field beyond Castello's old ditto
stone crusher; after in high e
brownedge field. abundant full bloom

7228 *Crotalaria sagittalis* L.
(2) In old brownedge field ditto
near # 7226 e
full bloom;

7229 *Rhus copallina* L.
(3) In old brownedge field ditto
near # 7226; abundant: e
full bloom

7230 *Asclepias incarnata* L. (Pursh)
(3) var. *pulchra* (Ehrh.) Pers.
var. *pulchra*, (Ehrh.) Pers. since ditto
on Triassic area near Antioch, Va. e
by roadside.

(8) *Asclepias verticillata* L. Bull Run Mt., Va
Aug. 6, 1939
7231 on roadside near Smith of Hagerell Gap
(8) Antioch, Va H.A. Allard
Prince William Co

7232 *Prunus americana* Marsh ditto
(1) In thicket south of Hagerell Gap
near young cedars. beyond
Riley's brook: fruit red: ripe. Frazier Co

7233 *Leskea deggettii* var. *moniliformis* (Kuhn) Hodge. ditto
(1) Near # 7232: old field.

7234 *Rosa carolina* L. ditto
(1) In high wooded field
near denuded quadrat:
scattered throughout this field Frazier Co

7235 *Calium vilosum* Nutt. ~~*circulare*~~ *triflorum* ditto
(1) In high wooded field
near # 7234

7236 *Pycnanthemum flexuosum* (Walt.) B.S.P. ditto
(1) In high wooded field
with # 7234

7237 *Quercus palustris* Moench. ditto
(2) South of Hagerell Gap: young
trees in radiating high wooded
field where denuded quadrat was made.

Salix nigra Marsh. Bull Run Mt., Va
South of Hagerell Gap.
August 6, 1939
7238 Near springy place H.A. Allard
(2) S. of Hagerell Gap Frazier Co
where young cedars are thick in old field.

7239 *Acer negundo* L. ditto
(3) South of Hagerell Gap near
decayed Black Gum tree

7240 *Sida spinosa* L. ditto
(2) Below Castell's at
gateway over pasture to
Riley's cabin

7241 *Mentha spicata* L. ditto
(2) In small S. of Hagerell Gap
near big Black gum tree
near old cabin: full bloom.

7242 *Cyperus filiculmis* Vahl. ditto
(1) In old wooded field
in roadway toward
Riley's cabin from Hagerell Gap
road

7243 *Spiranthes gracilis* (Bigel.) Beck. ditto
(1) In wooded field where
decayed Black gum stands:
west of High Point Ridge.
full bloom here: scattered.

7244 *Glycyrrhiza virginiana* L. var. *intermedia* (Vasey) Benth. ditto
(1) a big clump (perennial) in
Allard's further ditch.
Arlington, Arlington Co, Va
Aug. 11, 1939. H.A. Allard.

~~Hypericum~~
Ludwigia alternifolia L. Bull Run Mt., Va.
Fauquier Co.
August 6, 1939
H.G. Allard
7245 In thickets
along
brook from Hark walnut grove west
of Hagerell to Broad Run Station
highway. e

7246 *Picrostema myrsae* Marsh. - Bull Run Mt., Va.
many) Leaf spot on young Hark Fauquier Co.
junior *Myrica sylvatica* Marsh Aug. 14, 1939
beyond large oak west slope H.G. Allard.
High Point Ridge; tree 20 ft high, young
75-80% of all leaves spotted - sometimes 5-6
leaves in each cluster; or all.

7247 *Oxalis stricta* L. Bull Run Mt., Va.
(yellow) Aug. 14, 1939
in cut-over area beyond Riley's spring H.G. Allard
the sandstone hill is. Fauquier Co.

7248 *Cassia mitchamii* L. e
31 at end of cliffs and quarry
at Castell's edge of field ditto
here: very abundant; full e
bloom

7249 *Microstylis unifolia* (Michx.) B.S.P. ditto
11 In pine woods near end of
Castell's quarry ridge, west of
Riley's cabin: my first find

7250 *Umbellifer Anglica villosa* (Walt.) B.S.P. ditto
11 In woods where stung by yellow
jackets, at base of High Point
ridge for Castell's quarry ridge. e

7251 *Lepidoglossum latifolium* L. / *harmeri* ✓ ditto
11 In woods on trail from
High Point cliffs to turn off to
Castell's ridge; very abundant on
dry ridges. e

Carex virescens Muhl. Bull Run Mt., Va.
Fauquier Co.
August 14, 1939
H.G. Allard
7252 On High Point cliffs
on shelf. South of Hagerell Gap.
(2)

7253 *Phytolacca hexagonifera* (Michx.) Chr. ditto
(4) In woods below High Point cliffs (west)
abundant here in patches. e

7254 *Adiantum pedatum* L. e ditto
131 near # 7253 in moist,
heavy woods: abundant locally

7255 *Geum canadense* Jacq. ditto
121 Near old barn in low-lying
west slope below High Point:
abundant here: rank growing e

7256 *Oxalis europaea* f. *apnosa* (Small) neg ditto
31 yellow f. Near # 7255; in old
cut-over here e

7257 *Eragrostis spectabilis* (Pursh.) Steud. ditto
121 Near shale where Hark walnut
are, in road of Hagerell to Broad Run Station
highway. e

7258 *Cirsium discolor* (Muhl.) Spreng. ditto
11 In shale at Hark walnut grove
near # 7257; abundant,
full bloom. e

Hypericum polifolium L Bull Run Mt., Va
Fauquier Co
In pasture South of Hoperell Gap
7259 at Hark walnut August 14, 1939
11 Trees beside brook. H.G. Allard
S. of Hoperell Gap
West of Hoperell to Broad Run station highway

7260 *Panicum anceps* Michx.
Gramineae
151 In large dense areas in
damp soil; near # 7259
Now in its prime.

7261 *Osmorhiza dillenii* Darl.
~~Meibomia~~
14 In small near # 7259

7262 *Agrimonia parviflora* Ait
17 In small with # 7259, near
black walnut grove is, and very
abundant south of old cabin here - is
a prime stand: full bloom.

7263 *Mentha spicata* L
11 In wet ground small
with # 7262

7264 *Cyperus strigosus* L
131 In same small with 7262

7265 *Scirpus polyphyllus* Vahl.
131 In same small with # 7262

Rudbeckia laciniata L Bull Run Mt., Va
Aug. 14, 1939
In small near old
cabin and black walnut grove
7266 S. of Hoperell Gap and west of H.G. Allard
151 Hoperell to Broad Run Highway South of
Hoperell Gap.
abundant; full bloom.

7267 *Ascuta indecora* Choisy.
161 In *Impatiens biflora* Walt and
Polygonum sagittatum L
In same small with # 7266:
very abundant here in these plants.

7268 *Impatiens biflora* Walt
11 With # 7266: small covered
with this: full bloom.

7269 *Spiranthes gracilis* (Bigel.) Beck.
11 In wooded pasture here
black gum # 7246 with dense is

7270 *Osmorhiza grandiflora* (Walt.) DC
11 In woods west slope below
High Point cliffs; full bloom.
= *O. acuminatum* (Michx.) DC.

7271 *Crataegus margaritella* Ashe
11 In old wooded field
near denuded quadrat (high
wooded field)

7272 *Oenothera biennis* L
11 Near Riley's old cabin
beyond Castello's
= *O. biennis* L.
= *O. biennis* L.

Paspalum pubescens Muhl. Bull Run Mt., VA
Fauquier Co.
near Riley's old cabin August 14, 1939
7273 beyond Castellons, in old field H.A. Allard.
south of Hagerell Gap.
(1)

7274 *Cyperus floescens* var. *proformis* Fern.
(1) at spring beside highway #55 ditto
at Thunderfare Gap, Aug. 14, 1939
Fauquier Co.
(wet soil) H.A. Allard. R

7275 *Juncus subcaeruleus* Engelm. For. Presch
(2) with # 7274 at same ditto
red spot near spring overflow

7276 *Quercus montana* Willd
(2) on High Point cliffs. ditto
Most abundant oak in Bull Run Mts.

7277 *Pinus pungens* Lam
(1) on cliffs at High Point. ditto

7278 *Pinus virginiana* Mill
(1) with # 7277 ditto

7279 *Cladonia*
(1) on ground,
C. grayi f. *aferrans* Asakura
contains *stryganic acid*
P+.
North Mountain near VA
near Sugar Knob,
Hardy Co.,
August 24, 1939
H.A. Allard
on trail from
to Sugar Knob - 3000 ft

Peltigera
Sphognum
North Mt., West Va.,
near Sugar Knob,
Hardy Co. Aug. 24, 1939
H.A. Allard.
7280 in springy place
near turn right to
(1) Aniation Tower.

Had in the other moss
Plus Anilacomium palustre (W. & M.) Schum.

7281 Moss = *Hypnum imponens* Hedw.
(2) Near # 7280, also " = 7281A ditto
at spring (walled in)
Pine growth on banks; beautiful.

7282 *Oxalis*
(4) yellow. to aniation tower
In cut over path near Trout Run
is extremely stunted, small
& leading to aniation tower.) ditto

7283 violet (blue) lat. petals not bearded
(1) with # 7282 ditto

7284 *Muhlenbergia*
(1) with # 7282 ditto

7285 *Helianthus decapetalus* L
(2) Near # 7282 ditto

7286 *Panicum*
(1) on ledges in cut over path
and well up slope to aniation tower. ditto

Sarbus americana Marsh North Mountain, West Va.,
near Sugar Knob and
leaves for normal variation tower,
7287 mature tree #7287 Hardy Co., Aug. 24, 1939
H.A. Allard
These showing wane, irregular dentation
from sprouts from understory #7287 a
note marked differences,

7288 *Callorhiza odontorhiza*
In oak woods at edge of
Bear oak contact near aerial
tower; abundant here
full bloom.

7289 *Hieracium paniculatum* L.
In road road at turn off right
on crest of ridge from Sugar Knob trail
to aerial tower; abundant; full bloom.

7290 *Prenanthes trifoliata* (Cass.) Fernald
with # 7289 ditto

7291 *Solidago puberula*
On same road road with # 7289,
and on dry sandy soil to Sugar Knob
before turn off to steel aeronautic tower.
full bloom

7292 *Eupatorium purpureum*
Low, leaves fern, coarsely serrate
Near # 7289 ditto

7293 *Solidago arguta* Nutt.
On Sugar Knob trail well up
toward crest of ridge
see last page for masses 7447, 7447 a, b,
c, d and e. ditto

Peltigera (shiny gray) North Mountain, West Va.
Hardy Co. on trail
Moss on soil near spring near
crest of ridge, near summit highway to
Sugar Knob, Aug. 24, 1939
H.A. Allard.

7294 A = *Thuidium recognitum* (Hedw.) Lindb.
plus *Leucobryum glaucum* (Hedw.) Schimp.

7295 *Onoclea laticifolia* var. ditto
Near walled in spring
near top of ridge on Sugar Knob trail.
very abundant; full fruit.

7296 *Cladonia cristatella* f. *beauvoisii* (Del.) ditto
Branched, with red apothecia
on soil near # 7295 rain.

7297 *Lespedeza hirta* (L.) Hornem ditto
Near 7291. On dry
sandy, slope with much hem oak half
way up slope.

7298 *Angelica villosa* (L.) B.S.P. ditto
On trail well up where Bear oak
thicket begins - it with # 7297,
above lead-off to Half Moon shelter.

7299 *Osmorhiza*
with # 7297 ditto

7300 *Polygala* ditto
Near old house site well
down trail - 1/2 mile from
Trout Run.

Panicum
(very hairy)

7301

(2)

North Mountain, west VA
Hardy Co., west slope
on trail from Martinsville
highway to Sugar Knob.
August 24, 1939
H.A. Allard.

7302 *Pyrenanthera*

(1) Leaves very white beneath
near #7300, in opening near
old house site

ditto

7303 *Eupatorium altissimum* L

(10) on steep rocky sloping outcrops
just S. of Strasburg, Va., Shenandoah Co.
August 24, 1939. H.A. Allard. very
abundant here: just in
flowers.

ditto

7304 *Euphorbia dentata*

(4) var *euphostemma* Engelm.

(with #7303.

ditto

7305 *Polypnema maculata* L

(2) on roadside bordering flood plain
of Shenandoah at stone cliffs S. of
Strasburg: very abundant in rich soil here.

ditto

7306

(11) *Euphorbiaceae*

Near #7304

ditto

7307 *Rudbeckia*

(11) Near #7304

ditto

Populus

species?

just south of Strasburg, Va
August 24, 1939
H.A. Allard.

7308

(31)

Doesn't fit any species.

at cliffs near #7305

7309

Scantlinia brachiatum L. B.S.P

(11)

Near #7308

ditto

7310

Abutilon theophrasti Mill. Bull Run Mt., VA
Fauquier Co.

(13) Roadside S. of Hofferell Gap. August 27, 1939. ditto
on Hofferell Gap to Bull Run station highway
near old house etc.: Bull Run.

7311

(15) In mud & red soil by
brook, just west of Belts
in alder thicket

fl. white: my first record here: abundant here.

ditto

7312

Cuscuta isodeora Choisy.

(11) on *Ambrosia artemisiifolia* L.
in old field N.W. of Belts, 1 1/2 miles
N. of Hofferell Gap

ditto

7313

Vernonia glauca (L.) Willd.

(11) In open woods (pine) N. of
Belts 3/4 mile, at edge of
burned area on high knob near
Halfway

ditto

7314

Desmodium paniculatum (L.) D.C.

(11) with #7313: In thin pine
woods marking extension north of
pasture N.W. of Belts.

ditto

Rubra eupatorioides L. ✓ Bull Run Mt., Va.
Fauquier Co. H.A. Allard
Aug. 27, 1939

7315 In dry soil, in North of Hagerell Gap.
thin, open, pine woods
(3) North of Belts 3/4 miles at edge of
burn on a high knob (1000 ft) here.
my first seed here. Scarcely in flower,
very local.

7316 *Carya glabra* (Mill.) Sweet. ditto
(2) Edge of woods below # 7315
near Halfway, Va., N. of Belts e
1 mile or more.

7317 *Eupatorium aromaticum* L. ✓ ditto
(1) with # 7315
Full bloom

7318 *Desmodium viridiflorum* L. Beck ditto
(1) with # 7315 ✓

7319 *Cassia atriplicifolia* L. ✓ ditto
(1) In wood road at foot of
wooded knob near Halfway (where
dog came out and barked) e

7320 *Desmodium viridiflorum* L. Beck ditto
(1) with # 7319 *dillenii* Darb. ✓ e

7321 *Trappium americana* L. ditto
(2) Near # 7319. e

Thysanthes Bull Run Mt., Va.,
Fauquier Co.
August 27, 1939.
H.A. Allard.
North of Hagerell Gap.

? *Penthorum*
sedoides L. 7322
(1) along brook
near # 7319.

7323 *Centaurea maculosa* L. ✓ ditto
rochensis Benth. ✓
(3) In grassy soil in woods e
near # 7319.

7324 *Desmodium dillenii* Darb. ✓ ditto
(1) In clearing with # 7323 e

7325 *Geum canadense* Jacq. ditto
(2) In swamp on wood road
North of Belts where pastures
give way to heavy woods, on slope
to lower ground at foot of high knob
toward Halfway, Va. e

7326 *Elephantopus carolinianus* Willd. ✓ ditto
(2) with # 7325; *pauciflorus* R. & Sch. ✓
beautiful with simple stars or oblong; e
full flower

7327 *Sanicula canadensis* L. ditto
(2) with # 7325 e
Part fl.

7328 *Agrimonia grysefolia* Walbr. ditto
(1) with # 7325; hard flowering
mostly; abundant here in swamp. e

3 *Pentstemon sedoides* L. Bull Run mt., Va
Fauquier Co
August 27, 1939
H.A. Allard
7329 In swampy spot
at foot of slope
long woods begin
(4) North of pasture north of Belts.
slope here steep from a knob 1000 ft. near
Hallway. Burn of April 1939 stopped here.

7330 *Leersia virginica* Willd.
Gramineae
(1) with # 7329

7331 *Epilobium coloratum* Muhl.
(3) with # 7329

7332 *Polygonum axillatum* Ell.
var *leptostachyum* Meier.
(2) with # 7329

7333 *Geum canadense* Jacq.
(1) In damp thickets on wood road with
7332

7334 *Boehmeria cylindrica* L. var
(3) with # 7332

7335 *Lactuca spicata* (Lam.) Hitch.
(1) with # 7332.
bl. pale cream

Glyptostema canadense (L.) DC Bull Run mt., Va
~~*Lactuca spicata* (Lam.) Hitch.~~ August 27, 1939
H.A. Allard

7336 with # 7332 Fauquier Co.
(1) North of Hagerell Gap 1 3/4 miles
Part flowering. e

7337 *Lycopodium virginicum* L
(1) with # 7332 *multiflorum* Michx. ditto e

7338 *Panicum boscii* Pers
(2) In low ground with # 7332 ditto e

7339 *Lappula virginiana* (L.) Greene
(2) with # 7332, abundant here. ditto e

7340 *Polygonum virginianum* L
(1) with # 7332 ditto e

7341 *Arisaema discolor* (Muhl.) Spreng
(1) In low meadow field, burned last
April - west of Belts; abundant. ditto e

7342 *Lobelia siphilitica* L
(2) In swampy woods along road
etc., and in shady woods near
7332; full flower, very showy. ditto e

Desmodium illinoense (Ell.) DC. Bull Run Mt., Va.
Fauquier Co.
In broomedge field August 27, 1939
H.A. Allard.
7343 burned over west of Belts North of Hagerell Gap 1 1/2 miles
(6) (in April, 1939). Fragment here.

7344 *Desmodium rigidum* (Ell.) DC. ditto
(1) with # 7343 filiare.

7345 *Lespedeza bicolor* (L.) Benth. ditto
(1) In old broomedge field with 7343
burned over; scattered here.

7346 *Strophostyles helvola* (L.) Britton ditto
(2) with 7343.

7347 *Lespedeza virginica* (L.) Britton ditto
(3) with 7343.

7348 *Sporoxea pandurata* (L.) G.F.W. Mey. ditto
(1) with # 7343

7349 *Hieracium gronovii* L. ditto
(3) with # 7343
scattered over these old sedge fields.

Galium pilosum Ait. Bull Run Mt., Va.
Fauquier Co.
In old broomedge field burned Aug. 27, 1939
H.A. Allard
7350 ver. is with # 7343 North of Hagerell Gap 1 1/2 miles
(1) west of Belts.

7351 *Quercus alba* L. ditto
(2) From large white oak west of Belts
in pasture; lower limbs bending to ground.

7352 *Spiranthes gracilis* (Bigel.) Beck. ditto
(1) In same broomedge field with
7343

7353 *Commelina communis* L. ditto
(1) Along fence row near Belts

7354 *Sabicea nigra* Marsh. ditto
(1) on Hagerell to Broad Run station
highway, near Broad Run station
common.

7355 *Carya alba* (L.) K. Koch. ditto
(2) In old pasture west of Belts
and just west of swales below
where we park (in negro's yard)
west of white Rock.

7356 *Peltigera* Bull Run Mt., Va.
Sept. 3, 1939.
North of Thurgood
Gap along valley road
between just east of Bessley
Mill. H.A. Allard

Desmodium dillenii Darl. Bull Run Mt., Va
along road just N. of Prince William Co
Sept. 3, 1939

7357 a few inches high H. A. Allard
(3) north of rail road North of Thoroughfare Gap
below Beverly Mill on valley road.
abundant; full bloom.

7358 *Panicum polyanthes* Schult. ditto
(1) on roadside bank
near # 7357

7359 *Oxalis stricta* L. ditto
(2) along rail road at Beverly Mill

7360 *Euphorbia maculata* L. ditto
(1) with # 7359

7361 *Stimulacea* Maxim. v. *Leptodeya striata* (Thunb.) N. P. A.
(2) along rail road with # 7359
abundant everywhere.

7362 *Achimenes alternifolia* (L.) D. C. v. ditto
(1) near rail road in thicket
in damp soil; very abundant;
full bloom.

7363 *Gramineae*: *Leersia virginica* Willd. ditto
(3) along shaded roadway in
moist gutters just N. of rail road
crossing of valley road below Beverly.

Leersia oryzoides L. Bull Run Mt., Va
Sept. 3, 1939

7364 near rail road H. A. Allard
below Beverly Mill North of Beverly Mill
(1) in red soil. (Thoroughfare Gap)
is along valley road. valley road.
may just N. of crossing
below Mill.

7365 *Polygonum* ~~ace~~ *hydropiper* var. *neisneri* ditto
(1) var *leptostachyum*
Near # 7364, red soil.

7366 *Eupatorium pubescens* Muhl. v. ditto
(2) on heights just north of
railroad at Beverly Mill
see trail comes down from
granaries; full bloom

7367 *Eupatorium album* L. v. ditto
(3) in old field, top of old house
stood at left of valley road just
north of rail road at Beverly Mill.
is the matrimony vine seen
on chimney.

7368 *Desmodium dillenii* Darl. v. ditto
(1) with # 7367; in old house
field near cornfield here.

7369 *Pycnanthemum incanum* (Michx.) Mchx. ditto
(1) near # 7367.

7370 *Quercus rubra* L. var *maxima* (Muhl.) Ashe.
(3) *maxima* Ashe ditto
at quarry ed cornfield
north of house on valley field
where old house site was (see 7367)

Desmodium paniculatum Bull Run Mt., Va
 in old field and *Prince William Co.*
 7371 *Desmodium* *paniculatum* (L.) *Sept 3, 1939*
 (1) large red vials (7370) *H.G. Allard.*
 abundant.

7372 *Desmodium rotundifolium* (Michx.) D.C.
 (1) on west slope of ridge east of
 High Point ridge, in open woods with
 full bloom: scattered here: full bloom.

7373 *Quercus marilandica* Muench ditto
 (3) on crest of same ridge near
 7372: abundant here.
 No little points on some of them: no lobes

7374 *Quercus marilandica* Muench ditto
 (1) near 7373.
 (3 lobed type)

7375 *Lepidogon violacea* (L.) Pers. ditto
 (1) in wood road on east slope of
 High Point ridge near High Point.
 abundant: full bloom.

7376 *Gerardia laevigata* (Raf.) Raf. ditto
 (1) *Gerardia*
 near 7375: scattered: full bloom.

7377 *Digitaria ischaemum* (Schreb.) Muhl ditto
 (2) on thin soil on top of High Point
 cliffs in pure colony.

Stemphyllia capillaris (L.) C.B. Clarke
 Bull Run Mt. Va
 on High Point cliffs
 7378 near 7377
 (1) *Bulbostylis capillaris* (L.) C.B. Clarke

7379 *Centanea melanocphala* Arlington Farm.
 (3) as labelled from Rex D. Pearce, 1938
 N.J. (?) collected for Blake, S.F.
 Aug. 30, 1939. by H.G. Allard.
 Grown at Arlington Farm on length of day

7380 *Centanea stenophylla* ditto
 (labelled) - from same source and
 grown in same test with 7379.
 seed from Rex D. Pearce.

7381 *Edum telephioidee* Arlington Farm.
 (2) from Massanutten same year
 ago: grown in test at Arlington Farm.
 (see data) These control plants: in full
 bloom: collected Sept. 6, 1939. Killed by
 anthesis in hot water forest Bull Run dr.

7382 *Solidago ulmifolia* Muhl Bull Run Mt. Va
 (2) on trail to and west slope on High Point ridge
 just S of High Point Sept. 10, 1939. H.G. Allard
 cliffs: *Prince William Co.*

7383 *Nymphaea advena* ? ditto
 (2) since little serrate: abundant.
 North of Thoroughfare Gap 1/2 mile
 in Broad Run creek: only colony here:
 leaves only: get flowers next spring.

7384 *Humulus lupulus* L. ditto
 (5) thick at 7383: one plant.
 also a huge *Clematis* vine here.
 on a dump.

Quercus bicolor Willd. Bull Run Mt., Va.
Fauquier Co.
Sept 10, 1939
H.A. Allard
7385 1/2 mi. north of Thoroughfare Gap 1/2 mile
15' in low ground beside Broad Run creek;
near # 7383. Abundant on Triassic east;
less so west of Bull Run ridge. e

7386 *Editha alba* (L.) Hook. v ditto
18' at Berkeley Mill in waste ground
beside mill; only weeds are here.
full bloom; seedling abundant. e

7387 *Polygonum*? *aniculace* ditto
12' with # 7386 *erectum* L. e

7388 *Polygonum pennsylvanicum* L. ditto
13' at Berkeley Mill in waste ground near
right bank; abundant. full bloom; pink
var *laevigatum* f. *hallerianum* Stanford e

7389 *Polygonum* ~~erectum~~ *mutatum* Ell. ditto
31 var. ~~erectum~~ *mutatum* Meisn
with # 7388: abundant. e

7390 *Xanthium saccharatum* Waltr. v ditto
12' with # 7388: abundant along R.R.
here etc. e

7391 *Verbena verticillata* L. ditto
2' just north of Thoroughfare Gap, at
junction of # 55 highway with Broad
Run north past Broad Run station: abundant
in low meadow here at bridge. e

Scirpus Bull Run Mt., Va.
Fauquier Co.
In same low meadow pasture Sept. 10, 1939
H.A. Allard
7392 with # 7391 and H.A. Allard
12' in water and mud of Broad Run here.
= *Scirpus angustoides* (L.) Swartz e

7393 ~~*Helianthus decapetalus* L.~~ ditto
11' with or near # 7391: full bloom.
= *Helianthus scabra* Pers v e

7394 *Polygonum* ~~erectum~~ *erectum* L. ditto
11' Growing near # 7391, in at bridge. e

7395 *Carya cordiformis* (Wang.) K. Koch. ditto
18' In low meadow with # 7391
Large trees here e

7396 *Salix nigra* Marsh ditto
12' on creek bank (Broad Run)
at bridge near # 7392: very abundant. e

7397 *Cypripedium virginicum* Michx. ditto
11' In red soil by roadside at
Broad Run station
7397A = *Bidens coronata* (Gray) Wieg.

7398 *Bidens vulgata* Greene ditto
11' with # 7397

Prenanthes trifoliata (Cass.) Ternald Bull Run Mt., Va
Road side thicket near
7399 Broad Run station. ✓ Tangier Co
Sept. 16, 1939
H.G. Allard
(2) e

7400 *Aureolaria pedicularia* (L.) Raf. ditto
(2) In dry oak woods, west slope
just above Broad Run station
in red oak, hickory oak etc. not abundant
in Bull Run area: Bull Run

7401 *Saxifraga nigra* Marsh
(2) var. *falcata*? ditto
In springy spot in pasture west slope
above Broad Run station

7402 *Stylasanthus biflora* (L.) BSP. ✓ ditto
(2) In pasture near # 7401 e

7403 *Samolus dillenii* Darl. ✓ ditto
(2) In woods west slope with # 7400.
on woodroad below High Point.
abundant. e

7404 *Helianthus strumosus* L. ✓ ditto
(3) In damp spot in wood road
west slope below High Point. e

7405 *Lespedeza violacea* (L.) Pers. ✓ ditto
(2) In wood road with # 7404
also in broadside fields. e

Hieracium scabrum Michx. Bull Run Mt., Va
In woods, west slope Tangier Co
near High Point cliffs. Sept. 10, 1939
7406 abundant. H.G. Allard
(1) e

7407 *Thalictrum dioicum* L. ditto
(1) Colony under huge tulip poplar tree
in woods, west slope near High Point. e

7408 *Leucobryum album* ditto
(1) on soil on slope at foot of
High Point cliffs. Large area.
pure, and very beautiful with its
light yellowish green.

7409 *Panicum ashei* Pers. ditto
(2) on cliffs at High Point, west
slope just below crest. e

7410 *Stemphyllia capillaris* (L.) Britton ditto
(1) In thin sandy soil on cliff shelf
at top of High Point cliffs.
abundant here. *Bulbostylis capillaris* (L.) C.B. Clarke

7411 *Lespedeza hirta* (L.) Hornem. ✓ ditto
(3) On High Point ridge on trail
to High Point, and just south
of High Point cliffs. very abundant
on dry wooded hills etc., here.

7412 *Polygonum scandens* L. ditto
(2) climbing high over bushes N. of Thoroughfare
Gap - near # 7385; abundant. e

Casalia atriplicifolia L ✓ Bull Run Mt., Va
in woods east of Tranquien Co.
7413 Buzzard Run station Sept. 10, 1939
H.G. Allard.
11) west slope on way to High Point Cliffs.

7414 *Carallorhiza odontorhiza* Nutt. ditto
11) In damp, rich woods west slope
below High Point Cliffs.
abundant: in colonies usually.

7415 *Corydalis sempervirens* L. Pers. ditto
11) On High Point Cliffs: in flower: passing.
My first Bull Run record; very few plants:
a few seedlings only, not two mature plants.

7416 ^{2 specimens} *Cyperaceae* (Muhl.) Vahl. Poplar Island,
Chesapeake Bay, Talbot Co.,
13) *Limnolobos castanea* (Muhl.) Vahl. several miles off Eastern
shore. Sept. 17, 1939
H.G. Allard, Maryland
on eastern shore in
low marsh: nearly lost.

7417 *Gramineae*. ditto
(8) with #7416, forming pure, matted
stands over great areas of low marsh.

7418 *Spartina alterniflora* ditto
with #7416: abundant and
on saline shores here.

7419 *Scirpus robustus* Pursh ditto
12) with #7416: scattered
here: not abundant.

Spartina
in salt marsh
7420 on beach near
13) #7416

Poplar Island
Chesapeake Bay
Talbot Co., Md.
Sept. 17, 1939
H.G. Allard.

7421 *Bidens aristata* ditto
13) Near #7422

Galesville, Md
Sept. 17, 1939
H.G. Allard
Prince Georges Co.

7422 *Andropogon virginicus* L ditto
13) Near #7421

7423 *Aster subulatus* Muhl. ditto
15) Rays very short faint lilac to purplish.
In pine woods near shore; one colony, full
bloom: Have never found this aster before.

7424 *Baccharis halimifolia* L ditto
Near #7423. Extremely common
along shore margin; staminate &
mitigate; full bloom. I saw one and
clarence Beatty of our office, Tolson, D.C.

7425 *Solidago sempervirens* L ditto
12) In marsh east shore; abundant.
full bloom

7426 *Cuscuta obtusiflora* HBK. ditto
on *Baccharis halimifolia* L
very abundant in this in marsh
on east shore; also on *Solidago sempervirens* L

Eupatorium serotinum Michx. Poplar Island,
Chesapeake Bay,
Talbot Co., Sept. 17, 1939
H.A. Allard,
(b) # 7423; abundant; full bloom.

7428 *Atriplex patula*
var *hastata* (L.) Gray.
with # 7427; abundant;
hastate. ditto

7429 *Pluchea camphorata* (L.) D.C. var. *sacculata* Torr.
(1) In marsh east shore;
abundant on island in red soil;
showy. ditto

7430 *Cladonia*.
on soil and just west of Woodstock, Va.
(2) dead log on bark. on soil and bark of log.
Sept. 24, 1939
H.A. Allard.
= *C. macilenta* f. *stipitata* (Ach.) Vain. =

7431 = *Cladonia chlorophaea* (Floerke) Spreng.
(1) cups
with # 7430
7431A = *C. coniocraea* f. *ceratodes* (Floerke) Vain. =

7432 *Asiotheca pumila* L.
(1) on red slope well
up clearing from Trout
Run to Tower (Aniakim)
North Mountain, West Va.
Near Sugar Knob,
Hardy Co.
Sept. 23, 1939
H.A. Allard. ditto

7433 *Gramineae*
(1) Near # 7432 ditto

Aster divaricatus West slope of North Mt.,
West Va., near Sugar Knob.
with # 7432 Hardy Co., Sept. 23, 1939
H.A. Allard
7434 near Aniakim Tower.
(1) Leaves not long acuminate. =

7435 *Gerardia laevigata*
(1) Near # 7434 ditto
Leaves very narrow. =

7436 *Viola canadensis* L.
(1) Near Trout Run in damp
soil west slope in cleared
area; in flower. ditto =

7437 *Erechtites hieracifolia* (L.) Raf.
(2) In cut over rd tunnel area
leading from Trout Run to Aniakim Tower.
full bloom. ditto =

7438 *Chelone glabra* L.
(3) Flowers whitish or pinkish
In red soil near # 7437 - here
cut over area is half way up to crest 3300 ft. ditto =

7439 *Aster macrophyllus* L.
(1) Near # 7438 - it at
east spring of slope. ditto =

7440 *Eupatorium verticillifolium* Reichenb. ditto
(1) with # 7438 - it in
clearing of mountain to tower; abundant,
full bloom. =

Euphorbia

- 74 7441 *on mountain slope, west slope of North Mt., west Va., near Sugar Knob*
(6) (3) *variation* Toner. Sept. 23, 1939. H. A. Allard.

- 74 7442 *Sorbus americana* ditto
(11) (3) *coarsely-toothed juvenile leaves on trees cut down in area to Toner from Trout Run; compare with fine teeth of mature leaves.*

- 74 7443 *Red Oak* ditto
(14) (5) *Quercus borealis - northern form (acorns and leaves) acorns cups deep; nut long, pointed; nut a shallow saucer like ours here.*

- 74 7444 *Quercus ilicifolia Wang.* ditto
(12) (5) *juvenile leaves from cut-over trees, - ie from low basal sprouts of one summer's growth; compare with normal leaves of #7445*

- 74 7445 *Quercus ilicifolia Wang* ditto
(11) (7) *normal leaves of full-grown trees at top of mt. (3300 ft.) at variation Toner. very abundant, nearly pure stand here.*

- 74 7446 *Solidago erecta Pursh.* ditto
(11) *On trail from Sugar Knob down to Trout Run. Near top of plateau here.*

- 74 7447 *Mares* ditto
(11) (several) *On rocks of wall in spring on Sugar Knob-Trout Run trail - near top*

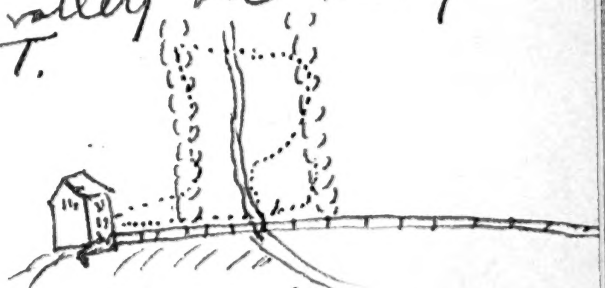


Trail to Sugar Knob

July 1-4, 1939 west Va. To Canaan valley, with Mr. & Mrs. Klunger.
July 8- July 28, 1939 To maine, Patter, etc. Hill Bill and Dr. Brandes
August 6, 1939 To area S. of Haverell Gap and to High Point slope with T.
August 14, 1939 To area S. of Haverell Gap, High Point etc., with A. B. Gurney.
August 24, 1939 To North Mt., west Va. in Trout Run, Sugar Knob area with A. B. Gurney.

#7287 and #7287a: variant leaves and normal leaves of *Sorbus americana* on North Mt., west Va., August 24, 1939
Aug. 27, 1939. To area N. of Haverell Gap with S.R., walking from negro house at turn of road nearly to Halfway, over farm of 1939 (April).

Sept. 3, 1939. To area N. of Borerley Mill on High Point ridge to High Point, and on ridge east, and the valley and valley road between with T.
Route taken.



Sept. 10, 1939. To west slope of High Point ridge and North of Thoroughfare Gap to High Point with S.

Sept. 17, 1939. To Poplar Island,
in Chesapeake Bay, Talbot Co.,
with Clarence Beatty (Tobacco Ins.)
Doris, Roy, Aubrey Babcock and
Harvard Allard. Very windy in P.M.
sailed to island in Siegler's sailboat,
The Sea Cloud.

Sept. 23 and 24, 1939. To west slope and
top of North Mt., from Tronil Run to
aviation tower of downed area, and
coming down trail via Half Moon
shelter. Sept. 24. Take # 601. off
U.S. route # 11 (Valley Pike) just
north of roadstock, continuing over
mountain past power line tower
and down west slope, driving N
on to # 55 to Strasburg. Went
with T—

All Juncaceae, Cyperaceae
in this book, identified by
Dr. F. J. Hermann.

Panicum carota L., forma roseus
Fernald, occurs at Hapenell Gap
etc. (collect!)

all numbers with symbol e card
indexed and checked,
all willows checked or identified
by Dr. E. D. Ball - See *Salix pellita*
7068 & 7102, perhaps southernmost
limit (for this species).

7447: *Eurychordium glaucum* (Hedw.) Kriegl.
7447a: *Sclerophylax nemorosa* (L.) Donnell.
7447b: " plus *Marsipella sphacelata*
(Sisseeke) Dunn.
7447c: *Thuidium delicatulum* (Hedw.) Mitt., plus
Anacamptis palustre (W. & M.) Schum.
7447d: *Brachythecium oxycladum* (Brid.) J. & S.
(very slender), plus *Anacamptis palustre* (W. & M.) Schum.
plus *Hypnum reptans* Mx.
7447e: *Anacamptis palustre* (W. & M.) Schum.
plus *Thuidium* sp., plus *Eurychordium*
serotinum (Hedw.) Kriegl.

